

## SECTION 1. Identification of the substance/mixture and of the company/enterprise

### 1.1. Product identifier

Product name : SANIMATIC  
Product code: refer to sales department

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Mixture of alcohols

Sectors of use:

Industrial Manufacturing[SU3], Manufacture of food products[SU4], Public domain (administration, education, entertainment, services, craftsmen)[SU22]

Product category:

Washing and Cleaning Products (including solvent based products)

Process categories:

Industrial spraying[PROC7], Transfer of substance or mixture (charging and discharging) at nondedicated facilities[PROC8A], Transfer of substance or mixture (charging and discharging) at dedicated facilities[PROC8B], Non industrial spraying[PROC11], Application with rollers or brushes [PROC10]

Not recommended uses

Do not use for purposes other than those listed

### 1.3. Details of the supplier of the safety data sheet

AEB SpA - Via Vittorio Arici 104 S.Polo - 25134 Brescia (BS) Italy  
Tel. +39.030.2307.1 Fax +39.030.2307281  
E-mail: [info@aeb-group.com](mailto:info@aeb-group.com) - Internet: [www.aeb-group.com](http://www.aeb-group.com)  
E-mail tecnico competente/technical dept.: [sds@aeb-group.com](mailto:sds@aeb-group.com)

AEB USA  
111 N Cluff Avenue  
Lodi CA 95240 (USA)  
Tel: +1 2096258139 Fax: +1 2092248953  
Email: [info@aebusa.com](mailto:info@aebusa.com) - Internet: [www.aeb-group.com](http://www.aeb-group.com)

AEB AFRICA (PTY) LTD  
18 Track Crescent, Cor. Station Road  
Montague Gardens 7441  
Cape Town (South Africa)  
Tel.: +27 215512700 - Fax: +27 (0) 215511919  
Email: [info@aeb.co.za](mailto:info@aeb.co.za) - Internet: [www.aeb-group.com](http://www.aeb-group.com)

AEB OCEANIA PTY LTD  
178A Wakaden Street  
Griffith NSW 2680  
T: 1300 704 971  
Email: [aebocania@aeb-group.com](mailto:aebocania@aeb-group.com) - Internet: [www.aeb-group.com](http://www.aeb-group.com)

Produced by  
AEB SpA  
Via Vittorio Arici 104 S. Polo

25134 Brescia

#### 1.4. Emergency telephone number

AEB SpA

Centralino/Switchboard: +39.030.2307.1 - (h 8.30-12.00 13.30-18.00 GMT +1; Lingua/Language: Italiano, English)

AEB USA

Switchboard: +1 2096258139 (GMT -8; Language: English)

AEB AFRICA (PTY) LTD

Switchboard: +27 215512700 (GMT +1; Language: English, Afrikaans)

AEB OCEANIA PTY LTD

Switchboard: +61 1300 704 971 (GMT +9; Language: English)

## SECTION 2. Hazards identification

### 2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:

GHS02, GHS07

Hazard Class and Category Code(s):

Flam. Liq. 3, Eye Irrit. 2

Hazard statement Code(s):

H226 - Flammable liquid and vapour.

H319 - Causes serious eye irritation.

The product is a liquid that ignites at temperatures above 23°C if it exposed to an ignition source.

If brought into contact with eyes, the product causes significant irritations which may last for more than 24 hours.

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):

GHS02, GHS07 - Warning

Hazard statement Code(s):

H226 - Flammable liquid and vapour.

H319 - Causes serious eye irritation.

Supplemental Hazard statement Code(s):

not applicable

Precautionary statements:

Prevention

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 - Keep container tightly closed.



P280 - Wear eye/face protection.

Response

P337+P313 - If eye irritation persists: Get medical advice/attention.

P370+P378 - In case of fire: Use water spray, CO<sub>2</sub>, foam, chemical powders to extinguish.

Contains (Reg.EC 648/2004): /

### 2.3. Other hazards

The substance / mixture does NOT contain substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

Do not ingest. Keep out of reach of children.

## SECTION 3. Composition/information on ingredients

### 3.1 Substances

Irrrelevant

### 3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

Substance	Concentration[w/w]	Classification	Index	CAS	EINECS	REACH
Ethanol	$20,5 \leq x < 28,5$	Flam. Liq. 2, H225; Eye Irrit. 2, H319 Limits: Eye Irrit. 2, H319 %C $\geq 50$ ;	603-002-00-5	64-17-5	200-578-6	01-2119457 610-43-XXX X
propan-2-ol	$3 \leq x < 6$	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	603-117-00-0	67-63-0	200-661-7	01-2119457 558-25-XXX X
Benzyl-C12-14-alkyldimethylamm onium chlorides	$0,1 \leq x < 0,2$	Acute Tox. 4, H302; Skin Corr. 1, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute toxicity M-factor = 10		85409-22-9	287-089-1	01-2119970 550-39-XXX X

## SECTION 4. First aid measures

### 4.1. Description of first aid measures

EYES: Remove any contact lenses. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids well. Consult a doctor if the problem persists.

SKIN: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, consult a doctor. Wash the contaminated garments before reusing them.

INHALATION: Bring the subject to fresh air. If breathing is difficult, call a doctor immediately.

INGESTION: Consult a doctor immediately. Induce vomiting only upon medical advice. Do not give anything by mouth if the person is unconscious and if not authorized by the doctor.

#### **4.2. Most important symptoms and effects, both acute and delayed**

No specific information on symptoms and effects caused by the product is known.

#### **4.3. Indication of any immediate medical attention and special treatment needed**

Information not available

### **SECTION 5. Firefighting measures**

#### **5.1. Extinguishing media**

##### **SUITABLE EXTINGUISHING MEDIA**

The extinguishing media are: carbon dioxide, foam, chemical powder. For leaks and spills of the product that have not ignited, the water spray can be used to disperse the flammable vapors and protect the people involved in stopping the leak.

##### **NON-SUITABLE EXTINGUISHING MEDIA**

Do not use water jets. Water is not effective for extinguishing the fire, however it can be used to cool closed containers exposed to flames, preventing bursts and explosions.

#### **5.2. Special hazards arising from the substance or mixture**

##### **HAZARDS DUE TO EXPOSURE IN THE EVENT OF FIRE**

Overpressure can occur in containers exposed to fire with the risk of explosion. Avoid breathing combustion products.

#### **5.3. Advice for firefighters**

##### **GENERAL INFORMATION**

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear the complete fire protection equipment. Collect extinguishing water that must not be discharged into drains. Dispose of contaminated water used for extinction and the remains of the fire according to the regulations in force.

**EQUIPMENT** Normal fire fighting clothing, such as an open circuit compressed air breathing apparatus (EN 137), flame retardant (EN469), flame retardant gloves (EN 659) and boots for firefighters (HO A29 or A30).

### **SECTION 6. Accidental release measures**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

##### **6.1.1 For non-emergency personnel:**

Leave the area surrounding the spill or release. Do not smoke

Wear mask, gloves and protective clothing.

##### **6.1.2 For emergency responders:**

Eliminate all unguarded flames and possible sources of ignition. No smoking.  
Provide a sufficient ventilation.  
Evacuate the danger area and, in case, consult an expert.

## **6.2. Environmental precautions**

Contain spills with earth or sand.  
If the product has entered a watercourse, sewers or has contaminated soil or vegetation, notify the authorities.  
Dispose of the waste material in compliance with the regulations

## **6.3. Methods and material for containment and cleaning up**

### **6.3.1 Containment:**

Rapidly recover the product, wear a mask and protective clothing (for specifications refer to section 8.2. SDS)  
Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material or suck it.  
Prevent it from entering the sewer system.

### **6.3.2 Cleaning up:**

After wiping up, wash with water the area and materials involved

### **6.3.3 Other information:**

Vacuum the leaked product into a suitable container. Evaluate the compatibility of the container to be used with the product, checking section 10. Absorb the remainder with inert absorbent material. Ensure adequate ventilation of the area affected by the loss. Disposal of the contaminated material must be carried out in accordance with the provisions of point 13.

## **6.4. Reference to other sections**

Refer to paragraphs 8 and 13 for more information

# **SECTION 7. Handling and storage**

## **7.1. Precautions for safe handling**

Avoid contact and inhalation of vapors  
Wear eye/face protection.  
Do not smoke at work  
At work do not eat or drink.  
See also paragraph 8 below.

## **7.2. Conditions for safe storage, including any incompatibilities**

Keep in original container closed tightly. Do not store in open or unlabelled containers.  
Keep containers upright and safe by avoiding the possibility of falls or collisions.  
Keep containers tightly closed.  
Keep away from open flames, sparks and heat sources. Avoid direct sunlight exposure.

## **7.3. Specific end use(s)**

Industrial Manufacturing:  
Handle with extreme caution.  
Store in a well ventilated place away from heat sources. (7-30°C)

Manufacture of food products:  
Handle with care.

Store in a clean, dry, ventilated area away from heat and direct sunlight.  
Keep container tightly closed. (7-30°C)

Public domain (administration, education, entertainment, services, craftsmen):  
Handle with care. Store in a ventilated area and away from heat, keep the container tightly closed. (7-30°C)

See the annex exposure scenario.

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

=====

Related to contained substances:

propan-2-ol:

TWA/8h

(mg/m<sup>3</sup> / ppm)

AGW Deutschland (500/200)

MAK Deutschland (500/200)

VLA Espana (500/200)

VLEP France (x/x)

WEL United Kingdom (999/400)

TLV Ελλάδα (980/400)

AK Magyarország (500/x)

RD Lietuva (350/150)

TLV Romania (200/81) pelle

MV Slovenija (500/200)

TLV-ACGIH (492/200)

STEL/15min

(mg/m<sup>3</sup> / ppm)

AGW Deutschland (1000/400)

MAK Deutschland (1000/400)

VLA Espana (1000/400)

VLEP France (980/400)

WEL United Kingdom (1250/500)

TLV Ελλάδα (1225/500)

AK Magyarország (2000/x)

RD Lietuva (600/250)

TLV Romania (500/203) pelle

MV Slovenija (2000/800)

TLV-ACGIH (983/400)

- Substance: propan-2-ol

DNEL

Systemic effects Long term Workers inhalation = 500 (mg/m<sup>3</sup>)

Systemic effects Long term Workers dermal = 888 (mg/kg bw/day)

Systemic effects Long term Consumers inhalation = 89 (mg/m<sup>3</sup>)

Systemic effects Long term Consumers dermal = 319 (mg/kg bw/day)

Systemic effects Long term Consumers oral = 26 (mg/kg bw/day)

PNEC

Sweet water = 140,9 (mg/l)

sediment Sweet water = 552 (mg/kg/sediment)

Sea water = 140,9 (mg/l)

sediment Sea water = 552 (mg/kg/sediment)

STP = 2,251 (mg/l)

ground = 28 (mg/kg ground)

- Substance: Benzyl-C12-14-alkyldimethylammonium chlorides  
DNEL  
Systemic effects Long term Workers inhalation = 3,96 (mg/m<sup>3</sup>)  
Systemic effects Long term Workers dermal = 5,7 (mg/kg bw/day)  
Systemic effects Long term Consumers inhalation = 1,64 (mg/m<sup>3</sup>)  
Systemic effects Long term Consumers dermal = 3,4 (mg/kg bw/day)  
Local effects Long term Workers inhalation = 3,96 (mg/m<sup>3</sup>)  
PNEC  
Sweet water = 0,0009 (mg/l)  
sediment Sweet water = 12,27 (mg/kg/sediment)  
Sea water = 0,00096 (mg/l)  
sediment Sea water = 13,09 (mg/kg/sediment)  
intermittent emissions = 0,00016 (mg/l)  
STP = 0,4 (mg/l)  
ground = 7 (mg/kg ground)

## 8.2. Exposure controls

Appropriate engineering controls:

Industrial Manufacturing:

No specific monitoring foreseen (act according to good practice and specific rules for the type of risk associated)

Manufacture of food products:

No specific monitoring foreseen (act according to good practice and specific rules for the type of risk associated)

Public domain (administration, education, entertainment, services, craftsmen):

No specific monitoring foreseen (act according to good practice and specific rules for the type of risk associated)

### 8.2.2 Individual protection measures:

(a) Eye / face protection

Wear protective goggles (EN 166).

(b) Skin protection

(i) Hand protection

Not needed for normal use.

In the case of individuals who are already sensitised to the substance or mixture in the product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3) unless otherwise provided by the employer and / or assessments of environmental investigations hygienistic

(ii) Other

During working operation wear protective clothing (generic workwear / antacid, safety shoes or other protective equipment) according to the instructions of the employer

(c) Respiratory protection

Not needed for normal use.

None required if airborne concentrations are maintained below the exposure limit listed in Exposure Limit Information. Use certified respiratory protection equipment meeting EU requirements (89/656/EEC, 245/2016 UE), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization.

(d) Thermal hazards

No hazard to report

Environmental exposure controls:

Use according to good working practices and avoid to disperse the product into the environment.

## SECTION 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Appearance	clear liquid	
Colour	colorless	
Odour	prickly	
Odour threshold	not determined as it is considered not relevant for the characterization of the product	
pH	7,0 ± 1,0 (20°C)	
Melting point/freezing point	not determined as it is considered not relevant for the characterization of the product	
Initial boiling point and boiling range	not determined as it is considered not relevant for the characterization of the product	
Flash point	26°C	
Evaporation rate	not determined as it is considered not relevant for the characterization of the product	
Flammability (solid, gas)	not determined as it is considered not relevant for the characterization of the product	
Upper/lower flammability or explosive limits	not determined as it is considered not relevant for the characterization of the product	
Vapour pressure	not determined as it is considered not relevant for the characterization of the product	
Vapour density	not determined as it is considered not relevant for the characterization of the product	
Relative density	0,93 ± 0,05 (20°C)	
Solubility	in water	
Water solubility	miscible in all proportions	
Partition coefficient: n-octanol/water	not determined as it is considered not relevant for the characterization of the product	
Auto-ignition temperature	not determined as it is considered not relevant for the characterization of the product	
Decomposition temperature	not determined as it is considered not relevant for the characterization of the product	
Viscosity	not determined as it is considered not relevant for the characterization of the product	
Explosive properties	not determined as it is considered not relevant for the characterization of the product	
Oxidising properties	not determined as it is considered not relevant for the characterization of the product	

### 9.2. Other information

No data available.



## **SECTION 10. Stability and reactivity**

### **10.1. Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

### **10.2. Chemical stability**

The product is stable in normal conditions of use and storage

### **10.3. Possibility of hazardous reactions**

Vapors may form explosive mixtures with air.

INCI: ETHANOL Alcohol: risk of explosion on contact with: alkaline metals, alkaline oxides, calcium hypochlorite, sulfur monofluoride, acetic anhydride (with acids), concentrated hydrogen peroxide, perchlorates, perchloric acid, perchloronitrile, mercury nitrate, acid nitric, silver and nitric acid, silver nitrate, silver nitrate and ammonia, silver oxide and ammonia, strong oxidizing agents, nitrogen dioxide. May react dangerously with: bromine acetylene, chlorine acetylene, bromine trifluoro, chromium trioxide, chromyl chloride, oxiranes, fluorine, potassium ter-butoxide, lithium hydride, phosphorus trioxide, black platinum, zirconium chloride (IV), iodide of zirconium (IV). Forms explosive mixtures with air.

### **10.4. Conditions to avoid**

Avoid overheating. Avoid the accumulation of electrostatic charges. Avoid any source of ignition. INCI: ETHANOL Alcohol: avoid exposure to sources of heat and naked flames.

Avoid contact with combustible materials. The product could catch fire.  
heat, open flames, sparks or hot surfaces.

### **10.5. Incompatible materials**

Information not available

### **10.6. Hazardous decomposition products**

Due to thermal decomposition or in case of fire, potentially harmful gases and vapors can be released

## **SECTION 11. Toxicological information**

### 11.1. Information on toxicological effects

ATE(mix) oral = 263.157,9 mg/kg

ATE(mix) dermal = ∞

ATE(mix) inhal = ∞

(a) acute toxicity: Ethanol: Ingestion - LD50 rat (mg / kg / 24h bw): 1500

Skin contact - LC50 rat / rabbit (mg / kg / 24h bw): nd

Inhalation - LD50 rat (mg / l / 4h): > 50

propan-2-ol: Ingestion - LD50 rat (mg / kg / 24h bw): 4710

Skin contact - LC50 rat / rabbit (mg / kg / 24h bw): 12800

Inhalation - LD50 rat (mg / l / 4h): 72.6

Benzyl-C12-14-alkyldimethylammonium chlorides: Ingestion - LD50 rat (mg / kg / 24h bw): 2000

Contact with skin - LC50 rat / rabbit (mg / kg / 24h bw): nd

Inhalation - LD50 rat (mg / l / 4h): nd

(b) skin corrosion/irritation Ethanol: Does not meet the classification criteria for this hazard class

propan-2-ol: Does not meet the classification criteria for this hazard class

Benzyl-C12-14-alkyldimethylammonium chlorides: Corrosive

Ethanol: Does not meet the classification criteria for this hazard class

propan-2-ol: Does not meet the classification criteria for this hazard class

Benzyl-C12-14-alkyldimethylammonium chlorides: Corrosive

(c) serious eye damage/irritation: If brought into contact with eyes, the product causes significant irritations which may last for more than 24 hours.

Ethanol: Does not meet the classification criteria for this hazard class

propan-2-ol: Does not meet the classification criteria for this hazard class

Benzyl-C12-14-alkyldimethylammonium chlorides: Causes serious eye damage

Ethanol: Does not meet the classification criteria for this hazard class

propan-2-ol: Does not meet the classification criteria for this hazard class

Benzyl-C12-14-alkyldimethylammonium chlorides: Causes serious eye damage

(d) respiratory or skin sensitization: Ethanol: Does not meet the classification criteria for this hazard class

propan-2-ol: Does not meet the classification criteria for this hazard class

Benzyl-C12-14-alkyldimethylammonium chlorides: Not sensitizing

(e) germ cell mutagenicity: Ethanol: Does not meet the classification criteria for this hazard class

propan-2-ol: Does not meet the classification criteria for this hazard class

Benzyl-C12-14-alkyldimethylammonium chlorides: Not mutagenic

(f) carcinogenicity: Ethanol: Does not meet the classification criteria for this hazard class

propan-2-ol: Does not meet the classification criteria for this hazard class

Benzyl-C12-14-alkyldimethylammonium chlorides: Not carcinogenic

(g) reproductive toxicity: Ethanol: Does not meet the classification criteria for this hazard class

propan-2-ol: Does not meet the classification criteria for this hazard class

Benzyl-C12-14-alkyldimethylammonium chlorides: Non-toxic

(h) specific target organ toxicity (STOT) single exposure: Ethanol: Does not meet the classification criteria for this hazard class

propan-2-ol: Does not meet the classification criteria for this hazard class

Benzyl-C12-14-alkyldimethylammonium chlorides: Not available

(i) specific target organ toxicity (STOT) repeated exposure: Ethanol: Does not meet the classification criteria for this hazard class

propan-2-ol: Does not meet the classification criteria for this hazard class

Benzyl-C12-14-alkyldimethylammonium chlorides: Not available

(j) aspiration hazard: Ethanol: Does not meet the classification criteria for this hazard class

propan-2-ol: Does not meet the classification criteria for this hazard class

Benzyl-C12-14-alkyldimethylammonium chlorides: Not available

### 11.2. Information on other hazards

No data available.

## SECTION 12. Ecological information

### 12.1. Toxicity

=====

Related to contained substances:

Ethanol:

Acute toxicity - fish LC50 (mg / l / 96h): 13000 *Salmo gairdneri*

Acute toxicity - shellfish EC50 (mg / l / 48h): 12300 *Daphnia magna*

Chronic toxicity - fish NOEC (mg / l): nd

Chronic toxicity - crustaceans NOEC (mg / l): 10 *Daphnia magna* (reproduction, 21g)

Chronic toxicity NOEC algae (mg / l): 3200 *Skeletonema costatum* (5g)

propan-2-ol:

Not available

Benzyl-C12-14-alkyldimethylammonium chlorides:

Acute toxicity - Fish - *Danio rerio* LC50 (mg / l / 96h): 1.0

Acute toxicity - Crustaceans - *Daphnia magna* EC50 (mg / l / 48h): 0.0058

Acute toxicity - Algae / Aquatic plants - *Selenastrum capricornutum* EC50 (mg / l / 72h) 0.049 Chronic toxicity -

Crustaceans - NOEC (mg / l): 0.025

Acute toxicity M-factor = 10

Use according to good working practices and avoid to disperse the product into the environment.

### 12.2. Persistence and degradability

=====

Related to contained substances:

Ethanol:

Easily biodegradable

propan-2-ol:

Rapidly degradable

Benzyl-C12-14-alkyldimethylammonium chlorides:

Rapidly degradable > 80% - OECD TG 301 A

### 12.3. Bioaccumulative potential

=====

Related to contained substances:

Ethanol:

Not available

propan-2-ol:

Partition coefficient: n-octane / water 0.05

Benzyl-C12-14-alkyldimethylammonium chlorides:

Information not available

### 12.4. Mobility in soil

=====

Related to contained substances:

Ethanol:

Not available

propan-2-ol:

Not available

Benzyl-C12-14-alkyldimethylammonium chlorides:

Information not available

### 12.5. Results of PBT and vPvB assessment

No PBT/vPvB ingredient is present

### 12.6. Endocrine disrupting properties

No data available.

### 12.7. Other adverse effects

No adverse effects

Regulation (EC) No 2006/907 - 2004/648

The (l) surfactant (s) content (s) in this preparation complies (comply) with (i) the biodegradability criteria as laid down in Regulation CE/648/2004 on detergents. All data are held at the disposal of the competent authorities of Member States and will be provided, at their direct request or at the request of a detergent manufacturer, to those authorities.

## SECTION 13. Disposal considerations

### 13.1. Waste treatment methods

Reuse, if possible. Product residues are to be considered special hazardous waste. The dangerousness of the waste that partly contains this product must be assessed according to the laws in force. Disposal must be entrusted to an authorized waste management company, in compliance with national and local regulations. Waste transportation may be subject to ADR. CONTAMINATED PACKAGING Contaminated packaging must be sent for recovery or disposal in compliance with national waste management regulations.

## SECTION 14. Transport information

### 14.1. UN number

ADR/RID/IMDG/ICAO-IATA: 1170

If subject to the following characteristics is ADR exempt:

Combination packagings: per inner packaging 5 L per package 30 Kg

Inner packaging placed in shrink-wrapped or stretch-wrapped trays: per inner packaging 5 L per package 20 Kg



### 14.2. UN proper shipping name

ADR/RID/IMDG: ETANOLO (ALCOL ETILICO) o ETANOLO IN SOLUZIONE (ALCOL ETILICO IN SOLUZIONE)

ADR/RID/IMDG: ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

ICAO-IATA: ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

#### **14.3. Transport hazard class(es)**

ADR/RID/IMDG/ICAO-IATA: Class : 3  
ADR/RID/IMDG/ICAO-IATA: Label : 3  
ADR: Tunnel restriction code : D/E  
ADR/RID/IMDG/ICAO-IATA: Limited quantities : 5 L  
IMDG - EmS : F-E, S-D

#### **14.4. Packing group**

ADR/RID/IMDG/ICAO-IATA: III

#### **14.5. Environmental hazards**

ADR/RID/ICAO-IATA: Product is not environmentally hazardous  
IMDG: Marine polluting agent : No

#### **14.6. Special precautions for user**

The transport must be carried out by authorized vehicles for the transport of dangerous goods in accordance with the requirements of the applicable Edition of the agreement A.D.R. and national provisions. The transport must be carried out in the original packaging and in packages that are made from materials resistant to content and not likely to generate with this dangerous reactions. The process of loading and unloading of dangerous goods have received adequate training on the risks presented by prepared and on possible procedures to be taken in the event of emergency situations

#### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and IBC Code**

Transport in bulk is not foreseen

### **SECTION 15. Regulatory information**

#### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Restrictions relating to the product or contained substances (All. XVII Reg. EC 1907/2006): not applicable  
Substances in Candidate List (art. 59 Reg. EC 1907/2006): the product does not contain SVHC  
Substances subject to authorisation (Ann. XIV Reg. CEC 1907/2006): the product does not contain SVHC  
Reg. EC 648/04: see 2.2  
Reg. (EU) n. 1169/2011: see 2.2  
Reg (UE) 528/2012: see.to 2.2

Seveso category:  
P5c - FLAMMABLE LIQUIDS

REGULATION (EU) No 1357/2014 - waste:  
HP14 - Ecotoxic

## 15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

## SECTION 16. Other information

### 16.1. Other information

Description of hazard statements set out in paragraph 3

- H225 = Highly flammable liquid and vapour.
- H319 = Causes serious eye irritation.
- H336 = May cause drowsiness or dizziness.
- H302 = Harmful if swallowed.
- H314 = Causes severe skin burns and eye damage.
- H318 = Causes serious eye damage.
- H400 = Very toxic to aquatic life.
- H410 = Very toxic to aquatic life with long lasting effects.

Classification based on data of all mixture components

Main normative references:

- Reg. (CE) n. 1907 del 18/12/06 REACH (Registration, Evaluation and Authorisation of CHemicals) et seq.
- Reg. (CE) 1272/2008 CLP (Classification Labelling and Packaging) et seq.
- Regulation (EC) n. 648 of 31/03/04 (on detergents) et seq.
- Regulation (UE) n. 1169/2011 (on the provision of food information to consumers)
- Directive 2012/18/EU (on the control of major-accident hazards involving dangerous substances) et seq.
- Regulation (UE) 528/2012 (Biocides) et seq.

Procedure used to classify under CLP mixture (Reg. EC 1272/2008): Substantially similar mixture

Training required: This document must be submitted to the employer to determine the possible need for appropriate training for workers to ensure protection of human health and the environment.

n.a.: not applicable

n.d.: not available

ADR: Accord européen relative au transport International des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

ATE: Acute Toxicity Estimati

BFC: BioconCentration Factor

BOD: Biochemical Oxygen Demand

CAS: Chemical Abstract Service number

CAP: Centre AntiPoison

CE/EC number EINECS (European Inventory of existing Commercial Substances) e ELINCS (European List of notified Chemical Substances)

CL50/LC50: Lethal Concentration 50

DL50/LD50: Lethal Dose 50

COD: Chemical Oxygen Demand

DNEL: Derived No Effect Level

EC50: half maximal Effective Concentration

ERC: Enviroment Release Classes

EU/UE: European Union

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

IMDG: International Maritime Dangerous Goods code

Kow: Octanol water partition coefficient

NOEC: No Observed Effect Concentration

OEL: Occupational Exposure Limit

PBT: Persistent Bioaccumulative and Toxic

---

PC: Product Categories

PNEC: Predicted No Effect Concentration

PROC: Process Categories

RID: Règlement concernant le transport International ferroviaire des marchandises dangereuses (Regulations concerning International rail transport of dangerous goods)

STOT: Target Organ Systemic Toxicity

STOT (RE): Repeated Exposure

STOT (SE): Single Exposure

STP: Sewage Treatment Plants

SU: Sector of Use

SVCH: Substance of Very High Concern

TLV: Threshold Limit Value

vPvB: Very Persistent Very Bioaccumulative

#### References and Sources:

- ECHA Registered Substances:
- <https://echa.europa.eu/web/guest/information-on-chemicals/registered-substances>
- SDS supplier
- GESTIS DNEL Database: <http://www.dguv.de/ifa/gestis/gestis-dnel-datenbank/index-2.jsp>
- GESTIS International Limit Value: <http://limitvalue.ifa.dguv.de>

This msds was made in good faith by AEB technical Office on the basis of the information available at the date of the last revision. The person in charge must regularly inform the employees about the specific risks they encounter when using this substance/product. The information contained here relate only to the substance/the preparation indicated and may not apply if the product is used improperly or in combination with others. Nothing contained herein shall be construed as a guarantee, either express or implied. It is the responsibility of the user to ensure the opportunities and completeness of the information contained herein for their own particular use.

\*\*\* this tab annuls and replaces any previous edition. (IIXX)

Changes to the previous edition: updating to reg. (UE) 878/2020

**SUMI****Safe Use of Mixtures Information****AISE\_SUMI\_IS\_7\_5\_G***Version 1.1, August 2018****Industrial spraying; Automated task; Open system; Long term***

*This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.*


**General description of the process covered**

The SUMI applies to industrial spraying products. This Safe Use Information is based on the AISE\_SWED\_IS\_7\_5.

**Operational Conditions**

<b>Maximum duration</b>	480 minutes per day.
<b>Range of application / Process conditions</b>	Indoor Use.
	Process carried out at room temperature.
	In case of dilution, tap water at a maximum temperature of 45°C is used.
<b>Air exchange rate</b>	Provide a basic standard of general ventilation (1 to 3 air changes per hour). No LEV required.

**Risk Management Measures**

<b>Measures related to personal protective equipment (PPE), hygiene and health evaluation</b>	Wear eye protection. See section 8 of the SDS of this product for specifications. 
	Training of workers in relation to proper use and maintenance of PPEs must be ensured.
<b>Environmental measures</b>	Prevent that undiluted product reaches surface waters.
	<b>If appropriate AISE SPERC 8a.1.a.v2 may apply:</b> wide dispersive use resulting in release to municipal sewage treatment plant.



### Additional good practice advice

<b>Don't eat or drink.</b> <b>Don't smoke.</b> <b>Don't use in proximity of open flame.</b>	
<b>Wash hands after use.</b> <b>Avoid contact with damaged skin.</b> <b>Do not mix with other products.</b>	
<b>Spillage instructions</b>	Dilute with fresh water and mop up.
<b>Hygiene practices</b>	Follow the product instructions as specified on the label or in the product information sheet and use good occupational hygiene practices as specified in Section 7 of the product SDS.

### Additional information depending on product composition

The label and (when required) the Safety Data Sheet contain additional, product specific information crucial for working safely with mixtures. Please refer to the product label and SDS for information including, but not limited to: product hazard classification, potentially allergenic fragrances, notable ingredients and threshold limit values (when available).

### Disclaimer

*This is a document for communicating generic conditions of safe use of a product. It is the responsibility of the formulator to link this SUMI to the SDS of a specific product that he is selling.*

*If a SUMI (or associated SWED) code is mentioned in the SDS of a product, the formulator of that product declares that all substances in the mixture are present in such concentration, that the use of the product within the conditions of the SUMI is safe. When available, this safe use is ensured by evaluating the results of the chemical safety assessments as performed by the raw material suppliers. When no chemical safety assessment has been carried out by the supplier for an ingredient that contributes to the classification of the mixture, the formulator has performed a safety assessment himself.*

*Following Occupational Health legislation, the employer of workers that use products that are assessed as safe following SUMI conditions remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, SUMI Sheets should always be considered in combination with the SDS and the label of the product.*

*This document is provided by A.I.S.E. for general information purposes only. The formulator uses the content of this document at its sole risk.*

*A.I.S.E. disclaims any liability to any person or entity for any loss, damage no matter of what kind (actual, consequential, punitive or otherwise), injury, claim, liability or other cause of any kind or character based upon or resulting from the use (even partly) of the content of this document.*

**SUMI****Safe Use of Mixtures Information****AISE\_SUMI\_IS\_8b\_2***Version 1.1, August 2018****Transfer and dilution of concentrated product by using dedicated dosing system***

*This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.*

**General description of the process covered**

This SUMI applies to industrial uses where products are transferred to or diluted in a dedicated dosing system. This Safe Use Information is based on the **AISE\_SWED\_IS\_8b\_2\_L** and **AISE\_SWED\_IS\_8b\_2\_S**


**Operational Conditions**

<b>Maximum duration</b>	60 minutes per day.
<b>Range of application / Process conditions</b>	Indoor Use.
	Process carried out at room temperature.
	In case of dilution, tap water at a maximum temperature of 45°C is used.
<b>Air exchange rate</b>	Provide a basic standard of general ventilation (1 to 3 air changes per hour). No LEV required.

**Risk Management Measures**

<b>Measures related to personal protective equipment (PPE), hygiene and health evaluation</b>	See section 8 of the SDS of this product for specifications.
	Training of workers in relation to proper use and maintenance of PPEs must be ensured.
<b>Environmental measures</b>	Prevent that undiluted product reaches surface waters.
	<b>If appropriate AISE SPERC 8a.1.a.v2 may apply:</b> wide dispersive use resulting in release to municipal sewage treatment plant.

### Additional good practice advice

<b>Don't eat or drink.</b> <b>Don't smoke.</b> <b>Don't use in proximity of open flame.</b>	
<b>Wash hands after use.</b> <b>Avoid contact with damaged skin.</b> <b>Do not mix with other products.</b>	
<b>Spillage instructions</b>	Dilute with fresh water and mop up.
<b>Hygiene practices</b>	Follow the product instructions as specified on the label or in the product information sheet and use good occupational hygiene practices as specified in Section 7 of the product SDS.

### Additional information depending on product composition

The label and (when required) the Safety Data Sheet contain additional, product specific information crucial for working safely with mixtures. Please refer to the product label and SDS for information including, but not limited to: product hazard classification, potentially allergenic fragrances, notable ingredients and threshold limit values (when available).

### Disclaimer

*This is a document for communicating generic conditions of safe use of a product. It is the responsibility of the formulator to link this SUMI to the SDS of a specific product that he is selling.*

*If a SUMI (or associated SWED) code is mentioned in the SDS of a product, the formulator of that product declares that all substances in the mixture are present in such concentration, that the use of the product within the conditions of the SUMI is safe. When available, this safe use is ensured by evaluating the results of the chemical safety assessments as performed by the raw material suppliers. When no chemical safety assessment has been carried out by the supplier for an ingredient that contributes to the classification of the mixture, the formulator has performed a safety assessment himself.*

*Following Occupational Health legislation, the employer of workers that use products that are assessed as safe following SUMI conditions remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, SUMI Sheets should always be considered in combination with the SDS and the label of the product.*

*This document is provided by A.I.S.E. for general information purposes only. The formulator uses the content of this document at its sole risk.*

*A.I.S.E. disclaims any liability to any person or entity for any loss, damage no matter of what kind (actual, consequential, punitive or otherwise), injury, claim, liability or other cause of any kind or character based upon or resulting from the use (even partly) of the content of this document.*

**SUMI****Safe Use of Mixtures Information****AISE\_SUMI\_IS\_10\_2\_G***Version 1.1, August 2018****Brushing; Automated task***

*This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.*


**General description of the process covered**

This SUMI applies to industrial uses where the product is used in an automated brushing task. This Safe Use Information is based on the **AISE\_SWED\_IS\_10\_2**.

**Operational Conditions**

<b>Maximum duration</b>	480 minutes per day.
<b>Range of application / Process conditions</b>	Indoor Use.
	Process carried out at room temperature.
	In case of dilution, tap water at a maximum temperature of 45°C is used.
<b>Air exchange rate</b>	Provide a basic standard of general ventilation (1 to 3 air changes per hour). No LEV required.

**Risk Management Measures**

<b>Measures related to personal protective equipment (PPE), hygiene and health evaluation</b>	Wear eye protection. See section 8 of the SDS of this product for specifications.
	 Training of workers in relation to proper use and maintenance of PPEs must be ensured.
<b>Environmental measures</b>	Prevent that undiluted product reaches surface waters.
	<b>If appropriate AISE SPERC 8a.1.a.v2 may apply:</b> wide dispersive use resulting in release to municipal sewage treatment plant.

### Additional good practice advice

<b>Don't eat or drink.</b> <b>Don't smoke.</b> <b>Don't use in proximity of open flame.</b>	
<b>Wash hands after use.</b> <b>Avoid contact with damaged skin.</b> <b>Do not mix with other products.</b>	
<b>Spillage instructions</b>	Dilute with fresh water and mop up.
<b>Hygiene practices</b>	Follow the product instructions as specified on the label or in the product information sheet and use good occupational hygiene practices as specified in Section 7 of the product SDS.

### Additional information depending on product composition

The label and (when required) the Safety Data Sheet contain additional, product specific information crucial for working safely with mixtures. Please refer to the product label and SDS for information including, but not limited to: product hazard classification, potentially allergenic fragrances, notable ingredients and threshold limit values (when available).

#### Disclaimer

*This is a document for communicating generic conditions of safe use of a product. It is the responsibility of the formulator to link this SUMI to the SDS of a specific product that he is selling.*

*If a SUMI (or associated SWED) code is mentioned in the SDS of a product, the formulator of that product declares that all substances in the mixture are present in such concentration, that the use of the product within the conditions of the SUMI is safe. When available, this safe use is ensured by evaluating the results of the chemical safety assessments as performed by the raw material suppliers. When no chemical safety assessment has been carried out by the supplier for an ingredient that contributes to the classification of the mixture, the formulator has performed a safety assessment himself.*

*Following Occupational Health legislation, the employer of workers that use products that are assessed as safe following SUMI conditions remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, SUMI Sheets should always be considered in combination with the SDS and the label of the product.*

*This document is provided by A.I.S.E. for general information purposes only. The formulator uses the content of this document at its sole risk.*

*A.I.S.E. disclaims any liability to any person or entity for any loss, damage no matter of what kind (actual, consequential, punitive or otherwise), injury, claim, liability or other cause of any kind or character based upon or resulting from the use (even partly) of the content of this document.*

**SUMI****Safe Use of Mixtures Information****AISE\_SUMI\_PW\_8a\_2\_G***Version 1.1, August 2018****Transfer of product via a dedicated system (bottle/machine)***

*This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.*


**General description of the process covered**

This SUMI applies to professional uses where the product is transferred to or diluted in a container, such as a dispenser, bottle or bucket. This Safe Use Information is based on the AISE\_SWED\_PW\_8a\_2\_L and AISE\_SWED\_PW\_8a\_2\_S.

**Operational Conditions**

<b>Maximum duration</b>	60 minutes per day.
<b>Range of application / Process conditions</b>	Indoor Use.
	Process carried out at room temperature.
	In case of dilution, tap water at a maximum temperature of 45°C is used.
<b>Air exchange rate</b>	Provide a basic standard of general ventilation (1 to 3 air changes per hour). No LEV required.

**Risk Management Measures**

<b>Measures related to personal protective equipment (PPE), hygiene and health evaluation</b>	Wear eye protection. See section 8 of the SDS of this product for specifications.
	 Training of workers in relation to proper use and maintenance of PPEs must be ensured.
<b>Environmental measures</b>	Prevent that undiluted product reaches surface waters.
	<b>If appropriate AISE SPERC 8a.1.a.v2 may apply:</b> wide dispersive use resulting in release to municipal sewage treatment plant.

### Additional good practice advice

<b>Don't eat or drink.</b> <b>Don't smoke.</b> <b>Don't use in proximity of open flame.</b>	
<b>Wash hands after use.</b> <b>Avoid contact with damaged skin.</b> <b>Do not mix with other products.</b>	
<b>Spillage instructions</b>	Dilute with fresh water and mop up.
<b>Hygiene practices</b>	Follow the product instructions as specified on the label or in the product information sheet and use good occupational hygiene practices as specified in Section 7 of the product SDS.

### Additional information depending on product composition

The label and (when required) the Safety Data Sheet contain additional, product specific information crucial for working safely with mixtures. Please refer to the product label and SDS for information including, but not limited to: product hazard classification, potentially allergenic fragrances, notable ingredients and threshold limit values (when available).

### Disclaimer

*This is a document for communicating generic conditions of safe use of a product. It is the responsibility of the formulator to link this SUMI to the SDS of a specific product that he is selling.*

*If a SUMI (or associated SWED) code is mentioned in the SDS of a product, the formulator of that product declares that all substances in the mixture are present in such concentration, that the use of the product within the conditions of the SUMI is safe. When available, this safe use is ensured by evaluating the results of the chemical safety assessments as performed by the raw material suppliers. When no chemical safety assessment has been carried out by the supplier for an ingredient that contributes to the classification of the mixture, the formulator has performed a safety assessment himself.*

*Following Occupational Health legislation, the employer of workers that use products that are assessed as safe following SUMI conditions remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, SUMI Sheets should always be considered in combination with the SDS and the label of the product.*

*This document is provided by A.I.S.E. for general information purposes only. The formulator uses the content of this document at its sole risk.*

*A.I.S.E. disclaims any liability to any person or entity for any loss, damage no matter of what kind (actual, consequential, punitive or otherwise), injury, claim, liability or other cause of any kind or character based upon or resulting from the use (even partly) of the content of this document.*

**SUMI****Safe Use of Mixtures Information****AISE\_SUMI\_PW\_10\_1\_G***Version 1.1, August 2018****Professional uses; Brushing after trigger spraying or brushing with tools***

*This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.*


**General description of the process covered**

This SUMI applies to professional uses where the product is brushed on a surface, with limited exposure to the hands, either after trigger spraying or through the use of tools such as a mop. This Safe Use Information is based on the **AISE\_SWED\_PW\_10\_1**.

**Operational Conditions**


<b>Maximum duration</b>	480 minutes per day.
<b>Range of application / Process conditions</b>	Indoor Use.
	Process carried out at room temperature.
	In case of dilution, tap water at a maximum temperature of 45°C is used.
<b>Air exchange rate</b>	Provide a basic standard of general ventilation (1 to 3 air changes per hour). No LEV required.

**Risk Management Measures**

<b>Measures related to personal protective equipment (PPE), hygiene and health evaluation</b>	Wear eye protection. See section 8 of the SDS of this product for specifications. 
	Training of workers in relation to proper use and maintenance of PPEs must be ensured.
<b>Environmental measures</b>	Prevent that undiluted product reaches surface waters.
	<b>If appropriate AISE SPERC 8a.1.a.v2 may apply:</b> wide dispersive use resulting in release to municipal sewage treatment plant.



### Additional good practice advice

<b>Don't eat or drink.</b> <b>Don't smoke.</b> <b>Don't use in proximity of open flame.</b>	
<b>Wash hands after use.</b> <b>Avoid contact with damaged skin.</b> <b>Do not mix with other products.</b>	
<b>Spillage instructions</b>	Dilute with fresh water and mop up.
<b>Hygiene practices</b>	Follow the product instructions as specified on the label or in the product information sheet and use good occupational hygiene practices as specified in Section 7 of the product SDS.

### Additional information depending on product composition

The label and (when required) the Safety Data Sheet contain additional, product specific information crucial for working safely with mixtures. Please refer to the product label and SDS for information including, but not limited to: product hazard classification, potentially allergenic fragrances, notable ingredients and threshold limit values (when available).

### Disclaimer

*This is a document for communicating generic conditions of safe use of a product. It is the responsibility of the formulator to link this SUMI to the SDS of a specific product that he is selling.*

*If a SUMI (or associated SWED) code is mentioned in the SDS of a product, the formulator of that product declares that all substances in the mixture are present in such concentration, that the use of the product within the conditions of the SUMI is safe. When available, this safe use is ensured by evaluating the results of the chemical safety assessments as performed by the raw material suppliers. When no chemical safety assessment has been carried out by the supplier for an ingredient that contributes to the classification of the mixture, the formulator has performed a safety assessment himself.*

*Following Occupational Health legislation, the employer of workers that use products that are assessed as safe following SUMI conditions remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, SUMI Sheets should always be considered in combination with the SDS and the label of the product.*

*This document is provided by A.I.S.E. for general information purposes only. The formulator uses the content of this document at its sole risk.*

*A.I.S.E. disclaims any liability to any person or entity for any loss, damage no matter of what kind (actual, consequential, punitive or otherwise), injury, claim, liability or other cause of any kind or character based upon or resulting from the use (even partly) of the content of this document.*

**SUMI****Safe Use of Mixtures Information****AISE\_SUMI\_PW\_11\_1\_G***Version 1.1, August 2018****Professional uses; (Trigger) spraying***

*This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.*


**General description of the process covered**

This SUMI applies to professional uses of products in a spraying application. This Safe Use Information is based on the **AISE\_SWED\_PW\_11\_1**.

**Operational Conditions**

<b>Maximum duration</b>	60 minutes per day.
<b>Range of application / Process conditions</b>	Indoor Use.
	Process carried out at room temperature.
	In case of dilution, tap water at a maximum temperature of 45°C is used.
<b>Air exchange rate</b>	Provide a basic standard of general ventilation (1 to 3 air changes per hour). No LEV required.

**Risk Management Measures**

<b>Measures related to personal protective equipment (PPE), hygiene and health evaluation</b>	Wear eye protection. See section 8 of the SDS of this product for specifications.
	 Training of workers in relation to proper use and maintenance of PPEs must be ensured.
<b>Environmental measures</b>	Prevent that undiluted product reaches surface waters.
	<b>If appropriate AISE SPERC 8a.1.a.v2 may apply:</b> wide dispersive use resulting in release to municipal sewage treatment plant.

### Additional good practice advice

<b>Don't eat or drink.</b> <b>Don't smoke.</b> <b>Don't use in proximity of open flame.</b>	
<b>Wash hands after use.</b> <b>Avoid contact with damaged skin.</b> <b>Do not mix with other products.</b>	
<b>Spillage instructions</b>	Dilute with fresh water and mop up.
<b>Hygiene practices</b>	Follow the product instructions as specified on the label or in the product information sheet and use good occupational hygiene practices as specified in Section 7 of the product SDS.

### Additional information depending on product composition

The label and (when required) the Safety Data Sheet contain additional, product specific information crucial for working safely with mixtures. Please refer to the product label and SDS for information including, but not limited to: product hazard classification, potentially allergenic fragrances, notable ingredients and threshold limit values (when available).

### Disclaimer

*This is a document for communicating generic conditions of safe use of a product. It is the responsibility of the formulator to link this SUMI to the SDS of a specific product that he is selling.*

*If a SUMI (or associated SWED) code is mentioned in the SDS of a product, the formulator of that product declares that all substances in the mixture are present in such concentration, that the use of the product within the conditions of the SUMI is safe. When available, this safe use is ensured by evaluating the results of the chemical safety assessments as performed by the raw material suppliers. When no chemical safety assessment has been carried out by the supplier for an ingredient that contributes to the classification of the mixture, the formulator has performed a safety assessment himself.*

*Following Occupational Health legislation, the employer of workers that use products that are assessed as safe following SUMI conditions remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, SUMI Sheets should always be considered in combination with the SDS and the label of the product.*

*This document is provided by A.I.S.E. for general information purposes only. The formulator uses the content of this document at its sole risk.*

*A.I.S.E. disclaims any liability to any person or entity for any loss, damage no matter of what kind (actual, consequential, punitive or otherwise), injury, claim, liability or other cause of any kind or character based upon or resulting from the use (even partly) of the content of this document.*