Safety Data Sheet date: 13/7/2021, version 1

#### 1. Identification

#### **GHS Product Identifier**

Mixture identification:

Trade name: KEMSTRIP 600

SDS code: P54559

#### Recommended use of the chemical and restrictions on use

Recommended use:

Solvent

Industrial uses

Restrictions on use:

No uses advised against are identified.

## Supplier's details

#### Manufacturers:

Socomore SASU

Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France

Tel: +33 (0)2 97 43 76 83 - Fax: +33 (0)2 97 54 50 26

Socomore Ireland Ltd. - Meenane, Watergrasshill, Co. Cork, Ireland - Tel +353 21 4889922 / Fax +353 21 4889923 / ireland@socomore.com

#### **Distributors:**

Surface Prep Australia Pty Ltd, 13 – 15 Park Avenue, Coffs Harbour, NSW 2450 Australia / john@surfaceprepaustralia.com / Tel. 0484255361

### Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

### **Emergency phone number:**

Australia emergency phone number: 13 11 26 (Australian Poisons Information Centre)

## 2. Identification des dangers

Classification complies with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS Ed.7) and is conform to Safe Work Australia Regulation.

- Warning, Acute Tox. 4, Harmful if swallowed.
  - Warning, Acute Tox. 5, May be harmful in contact with skin.
- Warning, Acute Tox. 4, Harmful if inhaled.
- Danger, Skin Corr. 1C, Causes severe skin burns and eye damage.
- Danger, Eye Dam. 1, Causes serious eye damage.
- Warning, STOT SE 3, May cause respiratory irritation.

Aquatic Acute 3, Harmful to aquatic life.

### GHS label elements, including precautionary statements

Hazard pictograms:



#### Danger

#### Hazard statements:

H302+H332 Harmful if swallowed or if inhaled.

H313 May be harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

H402 Harmful to aquatic life.

#### Precautionary statements:

P260 Do not breathe vapours.

P261 Avoid breathing vapours.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves/clothing and eye/face protection.

P301+P312 IF SWALLOWED: Call a POISON CENTER if you feel unwell.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P302+P312 IF ON SKIN: Call a POISON CENTER if you feel unwell.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P363 Wash contaminated clothing before reuse.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/container in accordance with applicable regulations.

#### **Special Provisions:**

None

#### Other hazards which do not result in a classification

No other hazards

## 3. Composition/information on ingredients

#### **Substances**

N.A.

#### **Mixtures**

Hazardous components within the meaning of GHS and related classification:

P54559/1

Qty	Name	Ident. Number		Classification
>= 30% - < 60%	benzyl alcohol	Index number: CAS: EC: REACH No.:	100-51-6 202-859-9	<ul> <li> <sup>↑</sup> 3.1/4/Oral Acute Tox. 4 H302     </li> <li> <sup>↑</sup> 3.1/4/Inhal Acute Tox. 4 H332     </li> </ul>
>= 20% - < 25%	2-AMINOETHANOL	CAS: EC: REACH No.:	141-43-5 205-483-3 01- 2119486455 -28	2.6/4 Flam. Liq. 4 H227  3.3/1 Eye Dam. 1 H318  3.1/4/Oral Acute Tox. 4 H302  3.1/4/Dermal Acute Tox. 4 H312  3.2/1C Skin Corr. 1C H314  3.1/4/Inhal Acute Tox. 4 H332  3.8/3 STOT SE 3 H335  4.1/A2 Aquatic Acute 2 H401
>= 3% - < 5%	ISOTRIDECANOL ETHOXYLATED (5-20 OE)	CAS: EC: REACH No.:	69011-36-5 500-241-6 01- 2119976362 -32	<ul><li></li></ul>

#### 4. First-aid measures

## Description of necessary first-aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

**OBTAIN IMMEDIATE MEDICAL ATTENTION.** 

Remove contaminated clothing immediately and dispose of safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an opthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do NOT induce vomiting.

Give nothing to eat or drink.

In case of Inhalation:

If breathing is irregular or stopped, administer artificial respiration.

In case of inhalation, consult a doctor immediately and show him packing or label.

Most important symptoms/effects, acute and delayed

None

#### Indication of immediate medical attention and special treatment needed, if necessary

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

No particular treatment.

## 5. Fire-fighting measures

## Suitable extinguishing media

Water.

Carbon dioxide (CO2).

#### Unsuitable extinguishing media

None in particular.

#### Special hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

#### **Hazardous combustion products:**

None

Explosive properties: N.A.

Oxidizing properties: N.A.

#### Special protective actions for fire-fighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

#### 6. Accidental release measures

## Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

#### **Environmental precautions**

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

#### Methods and material for containment and cleaning up

Wash with plenty of water.

## 7. Handling and storage

#### Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

P54559/1

Use localized ventilation system.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contamined clothing should be changed before entering eating areas.

Do not eat or drink while working.

#### Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

### 8. Exposure controls/personal protection

#### **Control parameters**

benzyl alcohol - CAS: 100-51-6

- OEL Type: National - TWA(8h): 22 mg/m3, 5 ppm - Notes: Germany - DFG, H, Y,11 2-AMINOETHANOL - CAS: 141-43-5

- OEL Type: National TWA(8h): 0.5 mg/m3 Notes: Germany- DFG, EU, Y, Sh, H, 11
- OEL Type: National TWA(8h): 2.5 mg/m3, 1 ppm STEL: 7.6 mg/m3, 3 ppm Notes: France VLEC TMP N° 49, 49 Bis
- OEL Type: EU TWA(8h): 2.5 mg/m3, 1 ppm STEL: 7.6 mg/m3, 3 ppm Notes: Skin
- OEL Type: ACGIH TWA(8h): 3 ppm STEL: 6 ppm Notes: Eye and skin irr
- OEL Type: National TWA(8h): 2.5 mg/m3, 0.98 ppm STEL: 7.6 mg/m3, 3 ppm -

Notes: Netherland

- OEL Type: National TWA(8h): 2.5 mg/m3, 1 ppm STEL: 7.6 mg/m3, 3 ppm Notes: Belgium
- OEL Type: National TWA(8h): 2.5 mg/m3, 1 ppm STEL: 7.6 mg/m3, 3 ppm Notes: UK

#### **DNEL Exposure Limit Values**

benzyl alcohol - CAS: 100-51-6

Worker Industry: 40 mg/kg b.w./day - Consumer: 28.5 - Exposure: Human Dermal -

Frequency: Short Term, systemic effects

Worker Industry: 110 mg/m3 - Consumer: 27 mg/kg b.w./day - Exposure: Human

Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 8 mg/kg b.w./day - Consumer: 5.7 - Exposure: Human Dermal -

Frequency: Long Term, systemic effects

Worker Industry: 22 mg/m3 - Consumer: 5.4 mg/m3 - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Consumer: 20 mg/kg b.w./day - Exposure: Human Oral - Frequency: Short Term, systemic

effects

2-AMINOETHANOL - CAS: 141-43-5

Worker Industry: 1 mg/kg - Consumer: 0.24 mg/kg - Exposure: Human Dermal -

Frequency: Long Term, systemic effects

Worker Industry: 3.3 mg/m3 - Consumer: 2 mg/m3 - Exposure: Human Inhalation -

Frequency: Long Term, local effects

Consumer: 3.75 mg/kg - Exposure: Human Oral - Frequency: Long Term, local effects

#### **PNEC Exposure Limit Values**

benzyl alcohol - CAS: 100-51-6

Target: Fresh Water - Value: 1 mg/l Target: Marine water - Value: 0.1 mg/l Target: PNEC01 - Value: 2.3 mg/l Target: Soil - Value: 0.456 mg/kg

Target: Freshwater sediments - Value: 5.27 mg/kg Target: Marine water sediments - Value: 0.527 mg/kg

Target: Microorganisms in sewage treatments - Value: 39 mg/l

#### 2-AMINOETHANOL - CAS: 141-43-5

Target: Fresh Water - Value: 0.085 mg/l Target: Marine water - Value: 0.0085 mg/l

Target: Freshwater sediments - Value: 0.425 mg/l Target: Marine water sediments - Value: 0.0425 mg/l

Target: Microorganisms in sewage treatments - Value: 100 mg/l

Target: Soil (agricultural) - Value: 0.035 mg/kg Target: PNEC intermittent - Value: 0.025 mg/l

#### Appropriate engineering controls:

None

# Individual protection measures, such as personal protective equipment (PPE) Eye protection:

Safety goggles (EN 166)

Face protection shield.

Use closed fitting safety goggles, don't use eye lens.

## Protection for skin:

Chemical protection clothing. (type 3 - EN14605) Chemical protection clothing. (type 6 - EN13034)

Boots.

#### **Protection for hands:**

Suitable gloves type: NF EN374

NBR (nitrile rubber).

#### Respiratory protection:

Use respiratory protection where ventilation is insufficient or exposure is prolonged.

Use adequate protective respiratory equipment.

#### **Thermal Hazards:**

None

## 9. Physical and chemical properties

Properties	Value	Method:	Notes
Appearance and colour:	Clear colourless to yellow liquid		
Odour:	N.A.		
pH:	13.5	ISO 4316, ASTM E70	
Kinematic viscosity:	N.A.		
Melting point / freezing point:	Not Relevant		
Initial boiling point and boiling range:	190 °C	NF T67-101	
Flammability:		N.A.	
Flash point (°C):	130	ISO 2592	
Upper/lower flammability or explosive limits:	1.3-28.5%		
Vapour pressure:	N.A.		
Vapour density:	N.A.		
Relative density:	1.02	ISO 649, ASTM D1298	
Solubility in water:	N.A.		
Solubility in oil:	N.A.		
Partition coefficient (n-octanol/water):	N.A.		
Auto-ignition temperature:	>250°C		
Decomposition temperature:	N.A.		
Particle characteristics:	<u>'</u>	1	

Particle size:	N.A.	 

## 10. Stability Toxicological information

#### Reactivity

Stable under normal conditions

#### **Chemical stability**

Stable under normal conditions

#### Possibility of hazardous reactions

None

#### Conditions to avoid

Stable under normal conditions.

## Incompatible materials

None in particular.

## **Hazardous decomposition products**

None.

## 11. Toxicological information

## Information on toxicological effects

Toxicological information of the product:

N.A

## Toxicological information of the main substances found in the product:

benzyl alcohol - CAS: 100-51-6

Acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 4178 mg/m3 - Duration: 4h

Test: LD50 - Route: Oral - Species: Rat = 1620 MGKGBWDAY

Test: LOAEL

- Route: Oral - Species: Mouse = 750 mg/kg - Duration: 8 days

Reproductive toxicity:

Test: NOAEL - Route: Oral - Species: Mouse = 550 MGKGBWDAY - Source: 6-15 days

STOT-repeated exposure:

Test: NOAEL - Route: Oral - Species: Rat = 400 MGKGBWDAY
Test: NOAEL - Route: Oral - Species: Mouse = 200 MGKGBWDAY

Test: NOAEL - Route: Inhalation - Species: Rat = 1072 mg/m3

2-AMINOETHANOL - CAS: 141-43-5

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 1089 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 1000 mg/kg

Test: LC50 - Route: Inhalation Dust > 1 mg/l - Duration: 4h

Reproductive toxicity:

Test: NOAEL - Species: Rat = 225 MGKGBWDAY - Notes: development

Test: NOAEL - Species: Rat = 300 MGKGBWDAY - Notes: fertility

STOT-single exposure:

Test: C - Route: Inhalation Dust > 5 mg/l - Duration: 4h

### STOT-repeated exposure:

Test: NOAEL - Route: Oral - Species: Rat = 300 mg/kg/d - Duration: > 75 days - Source: OECD 416, Experimental value - Notes: Effect: Body weight, weight of organs, consumption food

Test: NOAEC - Route: Inhalation - Species: Rat = 10 mg/m3 - Duration: 4 weeks (daily, 5 days/week) - Source: OECD 412, Experimental value - Notes: Effect: Lesions to the larynx, trachea and lungs

Test: NOEC - Route: Inhalation - Species: Rabbit = 150 mg/m3 - Duration: 4 weeks (daily, 5 days/week) - Source: OECD 412, Experiemental value - Notes: No adverse systemic effects

ISOTRIDECANOL ETHOXYLATED (5-20 OE) - CAS: 69011-36-5

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 300 mg/kg Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Reproductive toxicity:

Test: NOAEL - Route: Oral - Species: Rat > 250 MGKGBWDAY
Test: NOAEL - Route: Oral - Species: Rat > 50 MGKGBWDAY

STOT-repeated exposure:

Test: NOAEL - Route: Oral - Species: Rat = 50 mg/kg

benzyl alcohol - CAS: 100-51-6

LD50 (RABBIT) SKIN SINGLE DOSE: 2000 MG/KG

#### If not differently specified, the information listed below must be considered as non applicable:

Acute toxicity;

Skin corrosion/irritation;

Serious eye damage/irritation;

Respiratory or skin sensitisation;

Germ cell mutagenicity;

Carcinogenicity;

Reproductive toxicity;

STOT-single exposure;

STOT-repeated exposure;

Aspiration hazard.

## 12. Ecological information

## **Toxicity**

Adopt good working practices, so that the product is not released into the environment.

benzyl alcohol - CAS: 100-51-6

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 460 mg/l - Duration h: 96 - Notes: Pimephales promelas,

fresh water, static system

Endpoint: EC50 - Species: Daphnia = 230 mg/l - Duration h: 48

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 51 mg/l - Duration h: 504

d) Terrestrial toxicity:

Endpoint: IC50 - Species: Microorganisms = 390 mg/kg - Duration h: 24 - Notes: ISO 8192; Nitrosomas

e) Plant toxicity:

Endpoint: NOEC - Species: Algae = 310 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata

Endpoint: EC50 - Species: Algae = 770 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata

2-AMINOETHANOL - CAS: 141-43-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 349 mg/l - Duration h: 96 - Notes: Cyprinus carpio

Endpoint: LC50 - Species: Fish = 170 mg/l - Duration h: 96 - Notes: Carassius auratus (Goldfish)

Endpoint: LC50 - Species: Fish = 227 mg/l - Duration h: 96 - Notes: Pimephales promelas (Fat-head Minnow)

Endpoint: LC50 - Species: Fish = 3684 mg/l - Duration h: 96 - Notes: Brachydanio rerio (Zebra Fish)

Endpoint: LC50 - Species: Fish >= 300 mg/l - Duration h: 96 - Notes: Lepomis macrochirus (Bluegill)

Endpoint: LC50 - Species: Fish >= 114 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss (Rainbow trout)

Endpoint: NOEC - Species: Fish = 1.2 mg/l - Duration h: 720 - Notes: Oryzias latipes

Endpoint: EC50 - Species: Daphnia = 65 mg/l - Duration h: 48

Endpoint: NOEC - Species: Daphnia = 0.85 mg/l - Duration h: 504

Endpoint: EC50 - Species: aquatic plants = 2.5 mg/l - Duration h: 72 - Notes: Selenastrum capricornutum

Endpoint: EC50 - Species: aquatic plants = 22 mg/l - Duration h: 72 - Notes: Scenedesmus subspicatus / OECD 201

Endpoint: EC50 - Species: aquatic plants = 2.8 mg/l - Duration h: 72 - Notes:

Pseudokirchneriella subcapitata

Endpoint: EC20 - Species: Microorganisms > 1000 mg/l - Duration h: 0.5 - Notes: Activated sludge

Endpoint: EC50 - Species: Microorganisms = 1000 mg/l - Duration h: 3 - Notes: Activated sludge / OECD 209

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 0.85 mg/l - Duration h: 504

ISOTRIDECANOL ETHOXYLATED (5-20 OE) - CAS: 69011-36-5

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae > 1 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus

Endpoint: EC50 - Species: Daphnia > 1 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: LC50 - Species: Fish > 1 mg/l - Duration h: 96 - Notes: Cyprinus carpio

Endpoint: EC10 - Species: Daphnia = 2.6 mg/l - Duration h: 504 - Notes: Daphnia magna

Endpoint: EC10 - Species: Algae > 1 mg/l - Duration h: 72 - Notes: Desmodesmus

subspicatus

c) Bacteria toxicity:

Endpoint: EC50 - Species: bacteria = 140 mg/l

f) Effects in sewage plants:

Endpoint: NOEC = 220 mg/kg

Persistence and degradability

benzyl alcohol - CAS: 100-51-6

Biodegradability: Biodegradation in water - Test: MITI modif(I) - Duration: 14 days - %:

92-96 - Notes: OECD 301C 2-AMINOETHANOL - CAS: 141-43-5

Biodegradability: Biodegradability rate - Duration: 21 days - %: > 90

**Bioaccumulative potential** 

benzyl alcohol - CAS: 100-51-6

BCF 1.37 l/kg

Log Kow 1.05 - Notes: 20°C 2-AMINOETHANOL - CAS: 141-43-5 Log Pow - Test: OECD 107 -1.91

Mobility in soil

benzyl alcohol - CAS: 100-51-6

Log Koc 15.7

Volality (H: Henry's Law Constant) 0.0879 Pa.m³/mol

2-AMINOETHANOL - CAS: 141-43-5

Log Koc 1.17

Other adverse effects

Wassergefahrdungsklasse (Deutschland): 1

## 13. Disposal considerations

#### Disposal methods:

Disposal should be in accordance with applicable regional, national and local laws and regulations. Please consult Technical Data Sheet for details.

#### 14. Transport information



**UN number** 

ADR-UN Number: 1760 IATA-UN Number: 1760 IMDG-UN Number: 1760

**UN proper shipping name** 

ADR-Shipping Name: CORROSIVE LIQUID, N.O.S. (2-AMINOETHANOL)
IATA-Shipping Name: CORROSIVE LIQUID, N.O.S. (2-AMINOETHANOL)

P54559/1 Page 11 / 14

IMDG-Shipping Name: CORROSIVE LIQUID, N.O.S. (2-AMINOETHANOL)

Transport hazard class(es)

ADR-Class: 8

ADR - Hazard identification number: 80

IATA-Class: 8
IATA-Label: 8
IMDG-Class: 8

Packing group, if applicable

ADR-Packing Group: III
IATA-Packing group: III
IMDG-Packing group: III

**Environmental hazards** 

ADR-Environmental Pollutant: No IMDG-Marine pollutant: No

Special precautions for user

ADR-Subsidiary hazards: - ADR-S.P.: 274

ADR-Transport category (Tunnel restriction code): 3 (E)

IATA-Passenger Aircraft: 852
IATA-Subsidiary hazards: IATA-Cargo Aircraft: 856
IATA-S.P.: A3 A803
IATA-ERG: 8L

IMDG-EmS: F-A , S-B

IMDG-Subsidiary hazards: -

IMDG-Stowage and handling: Category A

IMDG-Segregation: Clear of living quarters.

Transport in bulk according to IMO instruments

N.A.

#### 15. Regulatory information

### Safety, health and environmental regulations specific for the product in question.

This Safety Data Sheet has been prepared according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Seventh revised edition.

International Inventories:

The substances are listed or exempted from registration in the following international inventories:

## 16. Other information

This document was prepared by a competent person who has received appropriate training. Classification complies with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS Ed.7) and is conform to Safe Work Australia Regulation. Full text of phrases referred to in Section 3:

P54559/1

H302 Harmful if swallowed.

H332 Harmful if inhaled.

H227 Combustible liquid.

H318 Causes serious eye damage.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

H401 Toxic to aquatic life.

#### Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,

Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van

Nostrand Reinold

CCNL - Appendix 1

Insert further consulted bibliography

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SOCOMORE strongly advises every recipient of this safety data sheet to read it carefully and to consult experts in the field if necessary or appropriate, in order to understand the information it contains, notably the possible dangers associated with this product. The users must ensure the conformity and completeness of this information with regards to their specific use of the product.

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the responsibility of the purchaser/user to ensure that their activities conform with current legislation in force.

ADR: European Agreement concerning the International Carriage of

Dangerous Goods by Road.

ATE: Acute Toxicity Estimate

ATEmix: Acute toxicity Estimate (Mixtures)

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of

Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport

Association" (IATA).

ICAO: International Civil Aviation Organization.

P54559/1 Page 13 / 14

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization"

(ICAO).

IMDG: International Maritime Code for Dangerous Goods.INCI: International Nomenclature of Cosmetic Ingredients.

KSt: Explosion coefficient.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods

by Rail.

STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
TLV: Threshold Limiting Value.
TWA: Time-weighted average
WGK: German Water Hazard Class.