

Safety Data Sheet dated 9/28/2020, version 1

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: KEMSTRIP 015

Other means of identification:

SDS code: P54015

Recommended use of the chemical and restrictions on use

Recommended use:

Solvent

Industrial uses

Restrictions on use:

No uses advised against are identified.

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

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:

Dysol Inc. - 5475 E. State Highway 114, Rhome Texas, 76078 / Phone: 1-817-335-1826 / csr-na@socomore.com/ Fax Number: 817-335-2405

Magnus Chemical Limited, 1271, rue Ampere, suite 101, Boucherville, QC, J4B 5Z5 Canada - Tel: 1-450 641 8500 - Fax: 1-450 655 1717

Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

Emergency phone number:

CHEMTEL: I+1-813-248-0585 (International); 1-800-255-3924 (USA); CANUTEC: 1-613-996-6666 (CANADA)

2. HAZARD(S) IDENTIFICATION

Classification of the chemical

Warning, Flam. Liq. 4, Combustible liquid.

- Warning, Acute Tox. 4, Harmful if swallowed.
- Warning, Acute Tox. 4, Harmful if inhaled.
- Danger, Skin Corr. 1B, Causes severe skin burns and eye damage.
- Danger, Eye Dam. 1, Causes serious eye damage.

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Label elements

Hazard pictograms:





Danger

Hazard statements:

H227 Combustible liquid.

H302 Harmful if swallowed.

H332 Harmful if inhaled.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash Hands and Eyes 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/protective clothing/eye protection/face protection.

P301+P312 IF SWALLOWED: Immediately call a POISON CENTER/doctor/... if you feel unwell.

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

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/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.

P310 Immediately call a POISON CENTER/doctor/...

P363 Wash contaminated clothing before reuse.

P370+P378 In case of fire: Use extingushing measures that are appropriate to local circumstances and the surrounding environment.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

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

Special Provisions:

None

Hazards not otherwise classified identified during the classification process:

None

Ingredient(s) with unknown acute toxicity:

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

N.A.

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

>= 40% - < 50% benzyl alcohol

REACH No.: 01-2119492630-38, Index number: 603-057-00-5, CAS: 100-51-6, EC: 202-859-9



A.1/4/Oral Acute Tox. 4 H302

A.1/4/Inhal Acute Tox. 4 H332

>= 25% - < 30% 2-AMINOETHANOL CAS: 141-43-5, EC: 205-483-3

A.1/4/Inhal Acute Tox. 4 H332

A.1/4/Dermal Acute Tox. 4 H312

A.1/4/Oral Acute Tox. 4 H302

A.2/1B Skin Corr. 1B H314

US-HAE/C3 Aquatic Chronic 3 H412

>= 5% - < 7% ISOTRIDECANOL ETHOXYLATED (5-20 OE)

REACH No.: 01-2119976362-32, CAS: 69011-36-5, EC: 500-241-6

A.1/4/Oral Acute Tox. 4 H302

A.3/1 Eye Dam. 1 H318

4. FIRST-AID MEASURES

Description of necessary 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

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:

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In case of fire: Use extingushing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

None in particular.

Specific 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 equipment and precautions 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.

Methods and materials 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.

Do not use on extensive surface areas in premises where there are occupants.

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 unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

Storage temperature:

Store at ambient temperature.

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

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.

Apron.

Protection for hands:

Suitable gloves type: NF EN374

NBR (nitrile rubber).

Respiratory protection:

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. | | |
| Odour threshold: | N.A. | | |
| pH: | 13.5 | | |
| Melting point / freezing point: | Not Relevant | | |
| Initial boiling point and boiling range: | 190 deg C | | |
| Flash Point (deg F): | 185 deg F | | |
| Flash point (deg C): | 85 deg C | | |
| Evaporation rate: | N.A. | | |
| Solid/gas flammability: | N.A. | | liquid |
| Upper/lower flammability or explosive limits: | 1.3-28.5% | | |
| Vapour pressure: | N.A. | | |
| Vapour density: | N.A. | | |
| Relative density: | 1.05 | | |
| Solubility in water: | N.A. | | |
| Solubility in oil: | N.A. | | |
| Partition coefficient (n-octanol/water): | N.A. | | |
| Auto-ignition temperature: | >400?C | | |
| Decomposition temperature: | N.A. | | |
| Viscosity: | N.A. | | |
| Explosive properties: | N.A. | | |
| Oxidizing properties: | N.A. | | |

9.2. Other information

| Properties | Value | Method: | Notes |
|---------------------|-------|---------|-------|
| Miscibility: | N.A. | | |
| Fat Solubility: | N.A. | | |
| Conductivity: | N.A. | | |
| Substance Groups | N.A. | | |
| relevant properties | | | |



10. STABILITY AND REACTIVITY

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:

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

Substance(s) listed on the NTP report on Carcinogens:

None.

Substance(s) listed on the IARC Monographs:

None.

Substance(s) listed as OSHA Carcinogen(s):

None

Substance(s) listed as NIOSH Carcinogen(s):

None.

12. ECOLOGICAL INFORMATION

Ecotoxicity

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: 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: NOEC - Species: Algae = 1 mg/l - Duration h: 72 - Notes:

Pseudokirchneriella subcapitata

Endpoint: EC50 - Species: Algae = 2.5 mg/l - Duration h: 72 - Notes:

Pseudokirchneriella subcapitata

c) Bacteria toxicity:

Endpoint: EC50 - Species: bacteria > 1000 mg/l

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 -1.91

Mobility in soil

benzyl alcohol - CAS: 100-51-6

Log Koc 15.7

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

2-AMINOETHANOL - CAS: 141-43-5

Log Koc 1.17

Other adverse effects

No harmful effects expected.

13. DISPOSAL CONSIDERATIONS

Waste treatment and disposal methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION



UN number

ADR-UN Number: 1760

DOT number: UN1760

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

UN proper shipping name

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

DOT-Shipping Name: Corrosive liquids, n.o.s.(2-AMINOETHANOL)

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

Transport hazard class(es)

ADR-Class: 8



DOT Hazard Class: 8

ADR - Hazard identification number: 80

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

Packing group

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

Environmental hazards

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

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

N.A.

Special precautions

DOT Special provisions: IB3, T7, TP1, TP28

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:

, S-B IMDG-EmS: F-A

IMDG-Subsidiary hazards:

IMDG-Stowage and handling: Category A SW2

IMDG-Segregation:

Q.L.: 5L Q.L.: 1L Q.E.: E1

15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory: all the components are listed on the TSCA inventory or are not required to be listed on the TSCA.

TSCA sections for substances listed in section 3:

benzyl alcohol is listed in TSCA Section 8b

2-AMINOETHANOL is listed in TSCA Section 8b

ISOTRIDECANOL ETHOXYLATED (5-20 OE) is listed in TSCA Section 8b.

SARA - Superfund Amendments and Reauthorization Act

Extremely Hazardous Substances: no substances listed. Section 302

Section 304 Hazardous substances: no substances listed. Section 313 Toxic chemical list: no substances listed.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act No substances listed.

CAA - Clean Air Act

CAA listed substances:

benzyl alcohol is listed in CAA Section 111, Section 112(b) - HON 2-AMINOETHANOL is listed in CAA Section 111, Section 112(b) - HON.

CWA - Clean Water Act



CWA listed substances:

None.

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

None.

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

benzyl alcohol

2-AMINOETHANOL.

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:

2-AMINOETHANOL.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

benzyl alcohol

2-AMINOETHANOL.

The following substance(s) in this product has/have an identification by CAS number either in countries not affected by the REACH regulation or in regulations not yet updated to reflect the new naming convention for hydrocarbon solvents:

16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

H302 Harmful if swallowed.

H332 Harmful if inhaled.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H412 Harmful to aquatic life with long lasting effects.

H318 Causes serious eye damage.

Safety Data Sheet dated 9/28/2020, version 1

Disclaimer:

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. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This Safety Data Sheet cancels and replaces any preceding release.

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.
GHS: Globally Harmonized System of Classification and Labeling of

Chemicals.

HMIS: Hazardous Materials Identification System IARC: International Agency for Research on Cancer IATA: International Air Transport Association.



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

Association" (IATA).

ICAO: International Civil Áviation Organization.

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.

NFPA: National Fire Protection Association

NIOSH: National Institute for Occupational Safety and Health

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration

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