Safety Data Sheet according to Regulation (EC) No 830/2015

Date of Compilation/Revision: 08.03.2018./09.04.2019.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers: Liquid Metal (Silver)
Type of substance: CLP Mixture
1.2 Relevant identified uses of the substance or mixture and uses advised against:
Liquid metal for hobbies of adults
1.3 Details of the supplier of the safety data sheet:
Pentacolor Ltd.
1103 Budapest, Gyömrõi út 86.
tel.: +36-1-260-7477
fax: +36-1-262-1345
e-mail: info@pentacolor.hu
For product safety information please contact: info@pentacolor.hu
1.4 Emergency telephone number:
Egészségügyi Toxikológiai Tájékoztató Szolgálat
Address: 1096, Budapest, Nagyvárad tér 2., Hungary
tel: 06/80/20 11 99 (green number), 06/1/ 476 64 64 (during working hours)

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture: Classification according to Regulation (EC) No 1272/2008

Asp. Tox. 1	H304	May be fatal if swallowed and enters airways
Eye Irrit. 2	H319	Causes serious eye irritation
Flam. Liq. 3	H226	Flammable liquid and vapour
Skin Irrit. 2	H315	Causes skin irritation
Skin Sens. 1	H317	May cause an allergic skin reaction.
STOT RE 2	H373	May cause damage to organs through prolonged or repeated exposure.

2.2. Label elements:

Labelling according to Regulation (EC) No 1272/2008

Contains: Naphtha (petroleum), hydrotreated heavy, Hydrocarbons, terpene processing by-products, xylene, aluminium powder (stabilized)

Hazard pictograms:

Signal Word: Danger

Hazard Statements:

H304 May be fatal if swallowed and enters airways
H319 Causes serious eye irritation
H226 Flammable liquid and vapour
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H373 May cause damage to organs through prolonged or repeated exposure

Precautionary Statements

P102 Keep out of reach of children
P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking
P260 Do not breathe dust/fume/gas/mist/vapours/spray
P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302+352 IF ON SKIN: Wash with plenty of water and soap.
P304 +340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P331 Do NOT induce vomiting
P333+313 If skin irritation or rash occurs: Get medical advice/attention.

2.3 Other hazards:

For results of PBT and vPvB assessment see section 12.5.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

Hazardous substance: Naphtha (petroleum), hydrotreated heavy (< 0,1 % benzol
CAS nr. 71-43-2)
concentration: 10-25%
EC-No.: 265-150-3
CAS-No.: 64742-48-9
Index-No. : 649-327-00-6
Classification according to Regulation (EC) No 1272/2008: Asp. Tox. 1 H304
Reach number: 01-2119457273-39-XXXX

Hazardous substance: Hydrocarbons, terpene processing by-products
concentration: 10-25%
EC-No.: 273-309-3
CAS-No.: 68956-56-9
Classification according to Regulation (EC) No 1272/2008: Fam Liq. 3 H226, Skin Irrit. 2 H315, Eye Irrit. 2 H319, Asp. Tox. 1 H304, Skin Sens. 1 H317, Aquatic Chronic 2 H411

Hazardous substance: Xylene (SCL: STOT RE 2: C >= 10 %)
concentration: 10-25%
EC-No.: 905-562-9
CAS-No.: --
Classification according to Regulation (EC) No 1272/2008: Flam. Liq. 3 H226, Asp. Tox. 1 H304, Acute Tox. 4 H312, Skin Irrit. 2 H315, Eye Irrit. 2 H319, Acute Tox. 4 H332, STOT SE 3 H335, STOT RE 2 H373
Reach number: 01-2119488216-32-0011

Hazardous substance: Aluminium powder (stabilized)
concentration: 10-30%
EC-No.: 231-072-3
CAS-No.: 7429-90-5
Index-No. : 013-002-00-1
Classification according to Regulation (EC) No 1272/2008: Flam. Sol. 1 H228
Reach number: 01-2119529243-45
Refer to Section 16 for full details of the hazard statements and Notas.

SECTION 4. FIRST AID MEASURES

4.1 Description of necessary first-aid measures:

General information
Take off immediately all contaminated clothing.

INHALATION
If breathed in, move person into fresh air. In the case of complaints consult a doctor.

SKIN CONTACT
Remove contaminated clothing. Wash skin thoroughly with water and soap. In the case of complaints consult a doctor.

INGESTION
Never give anything by mouth to an unconscious person. Rinse mouth with water. If accidentally swallowed obtain immediate medical attention. Keep at rest. Do **NOT** induce vomiting.

EYE CONTACT
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

4.2 Most important symptoms and effects, both acute and delayed:
The most important known symptoms and effects on the label are indicated, see chapter 2.2 and or 11.

Indication of immediate medical attention and special treatment needed:
Symptomatic treatment. Do **NOT** induce vomiting.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media
CO_2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture
In case of fire carbon dioxide, carbon monoxide, toxic gases/vapors may form.

5.3 Advice for firefighters
Wear self-contained breathing apparatus and protective clothing. Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid contact with skin and eyes. Remove all sources of ignition.

6.2 Environmental precautions
Do not allow product to reach sewage system or any water course.
Do not allow to enter sewers/ surface or ground water.

6.3 Methods and materials for containment and cleaning up
Contain and collect spillage with non-combustible absorbent materials, e.g sand, diatomaceous earth, acid binders, universal binders and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Ensure good ventilation/exhaustion at the workplace. Avoid aerosol formation.

Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Avoid contact with eyes,skin, clothing and breathing of its vapours.

General protective and hygienic measures:
When using do not eat, drink or smoke.
Wash hands before breaks and after work.
Wash clothing before further use.

7.2 Conditions for safe storage, including any incompatibilities
Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from oxidizing agents, strong acids, bases. . Keep away from sunshine and heat.

7.3 Specific end uses
See section 1.2

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
Components with workplace control parameters
CAS 7429-90-5 Aluminium powder (stabilized)
6 resp. mg/m36 (TLV
CAS 1330-20-7 Xylene, mixture of isomers
8 hours limit value: 221 mg/m³ (50 ppm)
Short term limit value: 442 mg/m³ (100 ppm) Directive 2000/39/EC

DNEL values:

Component	Use	Exposure route	Exposure frequency	Value
Hydrocarbons, terpene processing by-products	Workers	inhalation	Long-term - systemic effects	2,9 mg/m3
	Workers	skin	Long-term - systemic effects	0,8 mg/kg bw/day
	Consumers	inhalation	Long-term - systemic effects	0,7 mg/m3
	Consumers	skin	Long-term - systemic effects	0,3 mg/kg bw/day
	Consumers	ingestion	Long-term - systemic effects	0,3 mg/kg bw/day
Aluminium powder(stabilized)	Worker	inhalation	Long-term - systemic effects	3,72 mg/m3
	Worker	inhalation	Long-term – local effects	3,72 mg/m3
	Costumer	oral	Long-term - systemic effects	3,95 mg/kg bw/d

PNEC values:

Hydrocarbons, terpene processing by-products
Fresh water: 2,1 µg/L
Sea-water: 0,21 µg/L
Intermittent releases: 21 µg/L
STP: 6,4 mg/l
Freshwater sediment: 0,542 mg/kg
Marine sediment: 54,2 µg/kg d.w.
Soil: 10 µg/kg d.w.

Xylene
Fresh water: 0,327 mg/l literary data
Sea-water: 0,327 mg/l literary data
STP: 6,58 mg/l literary data
Freshwater sediment: 12,46 mg/kg dry weight literary data
Marine sediment: 12,46 mg/kg dry weight literary data
Soil: 2,31 mg/kg dry weight literary data

Aluminium powder (stabilized)
Water, depending on chemisty: 48-17800 microgr/l (environmental)
8.2 Exposure controls
General protective and hygienic measures:
Provide good ventilation of working area (local exhaust ventilation if necessary).
General protective and hygienic measures:
Do not breathe gas/vapour/spray. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.
When using do not eat, drink or smoke. Remove contaminated clothing
Personal protective equipment
Eye/face protection
Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection
Solvent-resistant gloves The glove material has to be impermeable and resistant to the product / the substance / the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the durability of glove materials cannot be calculated in advance and has to be tested before use.
Penetration time of glove material
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
Body Protection
Impervious clothing,
Respiratory protection
It is not necessary for normal use.
For a brief period or in the case of a small load, use a filtering apparatus, intense or prolonged exposure to ambient air it is necessary to identify suitable independent breathing apparatus.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

(a) Appearance: liquid, Colour: depends on the pigment colour
(b) Odour: pungent
(c) Odour threshold: not determined
(d) pH: not determined
(e) Melting point/freezing point: not determined
(f) Initial boiling point and boiling range: not determined
(g) Flash point: not determined
(h) Evaporation rate: not determined
(i) Flammability (solid, gas): not applicable. (liquid)
(j) Upper/lower flammability or explosive limits: not determined
(k) Vapour pressure: not determined
(l) Vapour density: not determined
(m) Relative density: 1,1 g/cm3
(n) Solubility(ies): insoluble in water
(o) Partition coefficient: n-octanol/water: not determined
(p) Auto-ignition temperature: not determined
(q) Decomposition temperature: not determined
(r) Viscosity: not determined
(s) Explosive properties: not determined
(t) Oxidising properties. not determined

9.2 Other safety information
No further relevant information available.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity.
No hazardous reactions can be expected under normal handling and storage
10.2 Chemical stability
Stable under recommended storage and handling conditions
10. 3 Possibility of hazardous reactions
Contact with Strong oxidants (peroxides, chromates, etc.) may cause a fire hazard.
10.4 Conditions to avoid
Heat, flames and sparks. Extremes of temperature and direct sunlight. Electricity.
10.5 Incompatible materials
Keep away from oxidizing agents, strong acids and alkalis.
10.6 Hazardous decomposition products
In normal use, there is no.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
Product:
(a) acute toxicity: Based on available data, the classification criteria are not met
(b) skin corrosion/irritation: Causes skin irritation
(c) serious eye damage/irritation: Causes serious eye irritation
(d) respiratory or skin sensitisation: May cause an allergic skin reaction. (Hydrocarbons, terpene processing by-products)
(e) germ cell mutagenicity: Based on available data, the classification criteria are not met
(f) carcinogenicity: Based on available data, the classification criteria are not met
(g) reproductive toxicity: Based on available data, the classification criteria are not met
(h) STOT-single exposure: Based on available data, the classification criteria are not met
(i) STOT-repeated exposure: May cause damage to organs through prolonged or repeated exposure.(Xylene)
(j) aspiration hazard: May be fatal if swallowed and enters airways ((Hydrocarbons, terpene processing by-products, Naphtha (petroleum), hydrotreated heavy, Xylene)

Components:
CAS-No. 99-85-4 p-Mentha-1,4-diene
LD50 oral: 3650 mg/kg (rat)
Causes skin irritation.
The substance or mixture is not classified as specific target organ toxicant, single exposure.
The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
CAS-No 80-56-8 Pin-2(3)-ene
LD50 oral: 3700 mg/kg (Rat)
May cause skin irritation and/or dermatitis.
Vapours may cause irritation to the eyes, respiratory system and the skin.
May be fatal if swallowed and enters airways.,
CAS-No 138-86-3 dipentene
LD50 oral: 5300 mg/kg (Rat)
Irritating to skin. (Rabbit)
Irritating to eyes. (Rabbit)
Causes sensitisation. (Guinea pig)
May cause sensitisation by skin contact.
CAS-No 8000-41-7 Terpineol
LD50 oral: > 2000 mg/kg (Rat) (OECD Test Guideline 401)
(Rat; 4 h) (OECD Test Guideline 403)
No mortality within the stated exposition time as shown in animal studies.
Skin irritation (Rabbit) (OECD Test Guideline 404)
Eye irritation (Rabbit) (OECD Test Guideline 405)
not sensitizing (Maximisation Test; Guinea pig) (OECD Test Guideline 406)
No experimental references for cancerogenity available.
In vitro tests did not show mutagenic effects Ames test: negative

Animal testing did not show any effects on fertility.
The substance or mixture is not classified as specific target organ toxicant, single exposure.
The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
No aspiration toxicity classification
CAS-No. 68956-56-9 Hydrocarbons, terpene processing by-products
LD50 dermal: > 2000 mg/kg (Rat) (OECD Test Guideline 402)
CAS-No. 586-62-9 p-Mentha-1,4(8)-diene
The substance or mixture is not classified as specific target organ toxicant, single exposure.
The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
May be fatal if swallowed and enters airways.,
CAS-No 79-92-5 Camphene
The substance or mixture is not classified as specific target organ toxicant, single exposure.
The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
No aspiration toxicity classification,
CAS-No 99-87-6 p-Cymene
The substance or mixture is not classified as specific target organ toxicant, single exposure.
The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
May be fatal if swallowed and enters airways.
CAS-No 64742-48-9 Naphtha (petroleum), hydrotreated heavy
Acute toxicity
LD50 Oral - rat - > 5000 mg/kg
LD50 Dermal – rabbit - > 3000 mg/kg
Skin corrosion/irritation
No irritating effect.
Serious eye damage/eye irritation
No irritating effect.
Respiratory or skin sensitization
No sensitizing effects known.
Aspiration hazard: May be fatal if swallowed and enters airways
Xylene mixture
Acute toxicity
Skin: Harmful in contact with skin
Inhalation: Harmful if inhaled
LD50 Oral - rat - 3523 mg/kg literary data
LD50 Dermal – rabbit - 12126 mg/kg literary data
LC50 Inhalation – rat - 27124 mg/m3 literary data
Skin corrosion/irritation Causes skin irritation
Serious eye damage/irritation: Causes serious eye irritation
Respiratory or skin sensitization Not classified
Germ cell mutagenicity Not classified
Carcinogenicity Not classified
Reproductive toxicity: Not classified
STOT-single exposure**:** May cause respiratory irritation.
STOT-repeated exposure: May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard: May be fatal if swallowed and enters airways
CAS-No 7429-90-5 Aluminium powder (stabilized)
LD50 Oral – rat - 15900 mg/kg
NOAEC Inhalation – rat - 10 mg/m3

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity
Based on available data, the classification criteria are not met
Acute aquatic toxicity: It is not expected to be harmful to aquatic organisms
Aquatic acute toxicity: It is not expected to be harmful to aquatic organisms
Components:
CAS-No. 68956-56-9 Hydrocarbons, terpene processing by-products

Acute toxicity algae
EL-50: 4,78 mg/l (Pseudokirchneriella subcapitata (green algae); 72 h) (OECD Test Guideline 201)
CAS-No 80-56-8 Pin-2(3)-ene
Acute toxicity fish
LC50: 0,28 mg/l (Pimephales promelas; 96 h)
Toxicity to daphnia and other aquatic invertebrates
EC50: 42 mg/l (Daphnia magna; 48 h)
CAS-No 138-86-3 dipentene
Acute toxicity fish
LC50: 0,70 mg/l (Pimephales promelas; 96 h)
Toxicity to daphnia and other aquatic invertebrates
EC50: 0,42 - 0,73 mg/l (Daphnia (water flea); 48 h)
CAS-No 8000-41-7 Terpineol
Acute toxicity fish
LC50: 62 - 80 mg/l (Danio rerio (zebra fish); 96 h) (OECD Test Guideline 203)
The details of the toxic effect relate to the nominal concentration
NOEC: 62 mg/l (Danio rerio (zebra fish); 96 h) (OECD Test Guideline 203)
The details of the toxic effect relate to the nominal concentration
Toxicity to daphnia and other aquatic invertebrates
NOEC: 40 mg/l (Daphnia magna (Water flea); 48 h) (OECD Test Guideline 202)
The details of the toxic effect relate to the nominal concentration
EC50: 73 mg/l (Daphnia magna (Water flea); 48 h) (OECD Test Guideline 202)
The details of the toxic effect relate to the nominal concentration
LC50: 73 mg/l (Daphnia magna (Water flea); 48 h) (OECD Test Guideline 202)
The details of the toxic effect relate to the nominal concentration
CAS-No 64742-48-9 Naphtha (petroleum), hydrotreated heavy
No data
Xylene mischung
LC50 fish 2,6 mg/l (literary data)
EC50 Daphnia 1 mg/l 24 h, (literary data)
EC50 72h algae 2,2 mg/l 72 h, (literary data)
NOEC chronic fish > 1,3 mg/l Salmo gairdneri (56 d), (literary data)
NOEC chronic shellfish 0,96 mg/l Ceriodaphnia dubia (7 d.), (literary data)
CAS-No 7429-90-5 Aluminium powder (stabilized)
Aluminium is not classified ecotoxic
12.2 Persistence and degradability
Components
Xylene: Potentially biodegradable..
CAS-No. 68956-56-9 Hydrocarbons, terpene processing by-products
rapidly biodegradable
CAS-No 80-56-8 Pin-2(3)-ene
Not readily biodegradable.
CAS-No 138-86-3 dipentene
> 87 % (OECD Test Guideline 301D)
Readily biodegradable
CAS-No 8000-41-7 Terpineol
80 % (Related to: Theoretical inorganic carbon (ThIC); Exposure Time: 28 d)(OECD Test Guideline 310)
Readily biodegradable
CAS-No 64742-48-9 Naphtha (petroleum), hydrotreated heavy
No data
12.3 Bioaccumulative potential
Components
CAS-No 138-86-3 dipentene
BCF: 246 - 262
Danger of bioaccumulation
CAS-No 64742-48-9 Naphtha (petroleum), hydrotreated heavy

No data
Xylene:
REACH BCF: 25,9
Log Kow 3,12-3,2 , no bioaccumulative
No further relevant information available.
12.4 Mobility in soil
Components
CAS-No. 68956-56-9 Hydrocarbons, terpene processing by-products
No data
Xylene: Log Koc 2,73
No further relevant information available.

12.5 Results of PBT and vPvB assessment
This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)., This substance is not considered to be very persistent nor very bioaccumulating (vPvB).
12.6 Other adverse effects
No further relevant information available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Recommendation
Must not be disposed together with household garbage. Do not allow product to reach sewage system. It must be treated as hazardous waste. Wastes and emptied containers should be disposed of in accordance with local regulations.
Contaminated packaging
Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

14.1 UN number 1263
14.2 UN proper shipping name: PAINT
14.3 Transport hazard class(es): 3 Classification code: F1
Label(s) 3
Road Tunnel Restrictions D/E
Transport category (1.1.3.6.) 2
Limited Quantity (LQ) 5 L
14.4 Packing group: III
14.5 Environmental hazards: No
14.6 Special precautions for user Flammable Liquid.
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable to the product being shipped.

SECTION 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
According to the local regulation.
List of substances subject to authorization (Annex XIV.):
The product does not contain any ingredient, which would be present in> 0.1%.
Restrictions according to REACH Annex XVII:
The product does not contain any ingredients at concentrations that would be restricted.
All components are contained in the TSCA (USA) inventory or exempted.
The ingredients of this product are not included on California's 65 list.
Chemical Safety Assessment
A Chemical Safety Assessment has not been carried out.

SECTION 16. OTHER INFORMATION

LIST OF RELEVANT H-PHRASES IN SECTION 3

Hazard Statements:

H226 Flammable liquid and vapour
H228 Flammable solid
H304 May be fatal if swallowed and enters airways
H312 Harmful in contact with skin
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H332 Harmful if inhaled
H335 May cause respiratory irritation
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

Changes from the previous version: Item 2. 3. 8. 11. 12.

Data Sources:
The previously-classified hazardous materials list
Internet database of chemical substances
Safety data sheets of components

The classification was prepared according to the 1272/2008/EK Regulation:
Classification:
Flammable Liquid, H226 Estimated value based on component data
Serious eye damage/eye irritation 2, H319 based on calculation method
Aspiration hazard:1, H304 based on calculation method
Skin corrosion/irritation: 2, H 315 based on calculation method
STOT-repeated exposure: 2, H373 based on calculation method
Skin Sensitiaton, Category 1, H317 based on calculation method

Abbreviations:

Acute Tox. 4 Acute Toxicity, Category 4
Asp. Tox. 1 Aspiration hazard, Category 1
Aquatic Chronic 2 Aquatic Chronic, Category 2
Eye Irrit. 2 Eye Irritation, Catergory 2
Flam. Liq. 3 Flammable Liquid, Category 3
Flam. sol. 1 Flammable Solid, Category 1
Skin Irrit. 2 Skin Irritation, Category 2
Skin Sens. 1 Skin Sensitiaton, Category 1
STOT RE 2 Specific Target Organ Toxicity (repeated exposure), Category 2
STOT SE 3 Specific Target Organ Toxicity (single exposure), Category 3

SCL: Specific Concentration limit
EK / EU European community/European union
EGK European Economic Community
DNEL Derived No Effect Level
PNEC Predicted No Effect Concentration
CLP Regulation on Classification, Labelling and Packaging of Substances and Mixtures /
CAS Chemical Abstracts Service
UN / ENSZ United Nations
ADN Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

ADR Accord européen relatif au transport international des marchandises Dangereuses par Route
RID Réglement international concernant le transport des marchandises dangereuses par chemin de fer
IMDG International Maritime Code for Gangerous Goods
MARPOL International Convention for the Prevention of Pollution From Ships
IBC Intermediate Bulk Container
IATA International Air Transport Association
ICAO International Civil Aviation Organization
PBT Persistent, Bioaccumulative, Toxic
vPvB very Persistent, very Bioaccumulative

This product Safety Data Sheet provides health, safety, and regulatory information. The information contained in this Safety Data Sheet is based on data available to us at the date of issue , and is provided in good faith, and believed to be accurate and reliable at the date of issue, however, no warranty, express or implied is provided. The product is to be used in applications consistent. For any other uses, exposures should be evaluated so that the appropriate handling practices and training programs can be established to ensure safe working conditions and operations. It is the buyer's/user's responsibility to satisfy itself that the product is suitable for the intended use, and to ensure that its activities comply with all federal, state, provincial, or local laws and regulations. Regulatory requirements are subject to change and may differ between European Member States and Nations.Individuals handling this product should be informed of the recommended safety precautions and should have access to this information.