

SAFETY DATA SHEET according to regulation 1907/2006



Product name: 8032 Active Foam

Creation date: 26.05.2021, Revision: 27.05.2021, version: 2.0

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

1.1 Product identifier

Product name
8032 Active Foam



<https://my.chemius.net/p/IT27X2/en/pd/en>

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

Relevant identified uses
Cleaning agent.

Uses advised against
No information.

1.3 Details of the supplier of the safety data sheet

Supplier
SILCO, D.O.O.
Šentrupert 5 a
3303 Gomilsko, Slovenia
+386 3 703 3180
n.cvilak@silco-automotive.com

1.4 Emergency Telephone Number

Emergency
112

Supplier
+386 3 703 3180

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)
Skin Irrit. 2; H315 Causes skin irritation.
Eye Dam. 1; H318 Causes serious eye damage.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]



Signal word: Danger

H315 Causes skin irritation.

H318 Causes serious eye damage.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/eye protection/face protection.

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 or doctor/physician.

Contains:

sodium lauryl ether sulfate

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances**

For mixtures see 3.2.

3.2 Mixtures

NAME	CAS EC INDEX REACH	%	CLASSIFICATION ACCORDING TO REGULATION (EC) NO 1272/2008 (CLP)	SPECIFIC CONC. LIMITS	NOTES FOR SUBSTANCES
sodium lauryl ether sulfate	9004-82-4 - -	$14 \leq x < 16$	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412	/	/
benzyl benzoate	120-51-4 204-402-9 607-085-00-9 01- 2119976371- 33	$0,1 \leq x < 0,2$	Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	/	/
sulphuric acid	7664-93-9 231-639-5 016-020-00-8 01- 2119458838- 20	$0 \leq x < 0,01$	Skin Corr. 1A; H314.1A	Skin Corr. 1A; H314.1A; C \geq 15% Skin Irrit. 2; H315; 5% \leq C < 15% Eye Irrit. 2; H319; 5% \leq C < 15%	/
isopentyl acetate	123-92-2 204-662-3 - 01- 2119548408- 32	$0 \leq x < 0,01$	Flam. Liq. 3; H226 EUH066	/	/
2,3-butanedione	431-03-8 207-069-8 -	$0 \leq x < 0,01$	Flam. Liq. 2; H225 Acute Tox. 4; H302 Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Dam. 1; H318 Acute Tox. 3; H331 STOT RE 2; H373	/	/

SECTION 4: FIRST AID MEASURES

4.1 First aid measures

General notes

When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician. Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency. Person giving first aid should properly protect himself.

Following inhalation

Remove patient to fresh air - move out of dangerous area. If symptoms develop and persist, seek medical attention.

Following skin contact

Take off all contaminated clothing. Areas of the body that have come into contact with the product must be rinsed with water. If symptoms develop and persist, seek medical attention. Wash contaminated clothes and shoes before reuse.

Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Consult a physician immediately!

Following ingestion

Do not induce vomiting without prior consultation with a doctor. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Immediately consult a doctor. Show the physician the safety data sheet or label.

4.2 Most important symptoms and effects, both acute and delayed

Following inhalation

Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation.

Following skin contact

Itching, redness, pain.

Following eye contact

Discomfort or pain, excessive blinking, lacrimation and redness, swelling of the conjunctiva.

Following ingestion

May cause nausea/vomiting and diarrhea. May cause abdominal discomfort.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide. Dry chemical powder. Water spray. Alcohol resistant foam.

Unsuitable extinguishing media

Full water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of a fire toxic gases can be generated; do not inhale gases/smoke.

5.3 Advice for firefighters

Protective actions

In case of fire evacuate the area. In case of fire or heating do not breathe fumes/vapours. No action shall be taken involving any personal risk or without suitable training. Cool the endangered containers with water spray.

Special protective equipment for fire-fighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (EN 137).

Additional information

Contaminated firefighting water must be disposed of in accordance with the regulations; do not allow to reach the sewage system.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment

Use personal protective equipment (Section 8).

Precautionary measures

Ensure adequate ventilation.

Emergency procedures

No action shall be taken involving any personal risk or without suitable training. Evacuate the danger zone. Prevent access to unprotected personnel. Do not breathe vapour or mist. Avoid contact with skin, eyes and clothing.

For emergency responders

Use personal protective equipment.

6.2 Environmental precautions

Do not allow product to reach water/drains/sewage systems or permeable soil. If accidental large entry into water or ground occurs, inform responsible authorities.

6.3 Methods and material for containment and cleaning up

For containment

Stem the spill if this does not pose risks.

For cleaning up

Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. Make sure the leakage site is well aired. Dispose in accordance with applicable regulations (see Section 13).

OTHER INFORMATION

No information.

6.4 Reference to other sections

See also sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures

Measures to prevent fire

Ensure adequate ventilation.

Measures to prevent aerosol and dust generation

Use general or local exhaust ventilation to prevent inhaling vapours and aerosols.

Measures to protect the environment

Do not discharge into drains, surface water and soil. After use immediately close container tightly.

Other measures

No information.

Advice on general occupational hygiene

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Do not breathe vapours/mist. Avoid contact with skin, eyes and clothes. Wear suitable protective equipment; see Section 8. Remove contaminated clothes and wash them before reuse. Before entering areas where food is eaten, remove contaminated clothing and protective equipment. Refer to instructions on label and regulations for safety and health at work.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Store in accordance with local regulations. Keep in well closed containers. Keep in a cool, dry and well ventilated place. Keep away from incompatible products (see section 10). Keep away from food, drink and animal feeding stuffs.

Packaging materials

The original container of producer.

Requirements for storage rooms and vessels

Close opened containers after use. Put the containers upright to prevent from leaking. Do not store in unlabelled containers.

Storage class

No information.

Further information on storage conditions

No information.

7.3 Specific end use(s)

Recommendations

No information.

Industrial sector specific solutions

No information.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure limit values

NAME	MG/M ³	ML/M ³	SHORT-TERM VALUE MG/M ³	SHORT-TERM VALUE ML/M ³	REMARK	BIOLOGICAL TOLERANCE VALUES
Pentyl acetates (all isomers)	270	50	541	100	/	/
Sulphuric acid (mist) (7664-93-9)	0.05	/	/	/	The mist is defined as the thoracic fraction	/

Information on monitoring procedures

BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 482:2012+A1:2015 Workplace exposure. General requirements for the performance of procedures for the measurement of chemical agents.

DNEL/DMEL values

For product

No information.

For components

NAME	TYPE	EXPOSURE ROUTE	EXP. FREQUENCY	REMARK	VALUE
benzyl benzoate	Worker	inhalation	long term systemic effects	/	5.1 mg/m ³
benzyl benzoate	Worker	inhalation	short term systemic effects	/	102 mg/m ³

benzyl benzoate	Worker	dermal	long term systemic effects	/	2.6 mg/kg bw/day
benzyl benzoate	Consumer	inhalation	long term systemic effects	/	1.25 mg/m ³
benzyl benzoate	Consumer	inhalation	short term systemic effects	/	25 mg/m ³
benzyl benzoate	Consumer	dermal	long term systemic effects	/	1.3 mg/kg bw/day
benzyl benzoate	Consumer	oral	long term systemic effects	/	0.4 mg/kg bw/day
benzyl benzoate	Consumer	oral	short term systemic effects	/	78 mg/kg bw/day
sulphuric acid	Worker	inhalation	long term local effects	/	0.05 mg/m ³
sulphuric acid	Worker	inhalation	short term local effects	/	0.1 mg/m ³
isopentyl acetate	Worker	inhalation	long term systemic effects	/	20.8 mg/m ³
isopentyl acetate	Worker	dermal	long term systemic effects	/	2.95 mg/kg bw/day
isopentyl acetate	Consumer	inhalation	long term systemic effects	/	5.1 mg/m ³
isopentyl acetate	Consumer	dermal	long term systemic effects	/	1.47 mg/kg bw/day
isopentyl acetate	Consumer	oral	long term systemic effects	/	1.47 mg/kg bw/day

PNEC values

For product

No information.

For components

NAME	EXPOSURE ROUTE	REMARK	VALUE
benzyl benzoate	fresh water	/	0.017 mg/L
benzyl benzoate	marine water	/	0.002 mg/L
benzyl benzoate	water treatment plant	/	100 mg/L
benzyl benzoate	fresh water sediment	dry weight	10.66 mg/kg
benzyl benzoate	marine water sediment	dry weight	1.07 mg/kg
benzyl benzoate	soil	dry weight	2.12 mg/kg
sulphuric acid	fresh water	/	0.003 mg/L
sulphuric acid	marine water	/	0 mg/L
sulphuric acid	water treatment plant	/	8.8 mg/L
sulphuric acid	fresh water sediment	dry weight	0.002 mg/kg
sulphuric acid	marine water sediment	dry weight	0.002 mg/kg
isopentyl acetate	fresh water	/	0.022 mg/L
isopentyl acetate	water, intermittent release	/	0.22 mg/L
isopentyl acetate	marine water	/	0.002 mg/L

isopentyl acetate	water treatment plant	/	100 mg/L
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8.2 Exposure controls

Appropriate engineering control

Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothes. Do not eat, drink or smoke while working. Do not breathe vapours/aerosols. Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Structural measures to prevent exposure

No information.

Organisational measures to prevent exposure

Remove all contaminated clothes immediately and wash them before reuse. Keep eyewash bottles or personal eyewash units and emergency showers available.

Technical measures to prevent exposure

The use of adequate technical equipment must always take priority over personal protective equipment. Provide good ventilation and local exhaust in areas with increased concentration. Keep away from food, drink and animal feeding stuffs.

Personal protective equipment

Eye and face protection

Tight fitting protective goggles (EN 166).

Hand protection

Protective gloves (EN 374). Observe the manufacturer's instructions regarding the use, storage, maintenance and replacement of gloves. In case of damage or at the first signs of wear and tear, change the gloves immediately. 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. The penetration time is determined by the protective glove manufacturer and must be observed.

Appropriate materials

Skin protection

Wear category II professional long-sleeved overalls and safety footwear (see Regulation (EU) 2016/425 and standard EN ISO 20344). Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345). Protective work clothing resistant to liquid chemicals (EN 14605).

Respiratory protection

At elevated concentrations of vapours/aerosols in the air wear a mask (EN 140) with filter A2-P2 (EN 14387). 'High/elevated concentrations' means that the occupational exposure limit values have been exceeded. For dust/gas/vapor concentrations above the applicable filter limit, in case of oxygen concentrations below 17% or in vague conditions, autonomous self-contained breathing apparatus should be used, according to standard EN 137, EN 138.

Thermal hazards

No information.

Environmental exposure controls

Substance/mixture related measures to prevent exposure

No information.

Instruction measures to prevent exposure

No information.

Organisational measures to prevent exposure

No information.

Technical measures to prevent exposure

Do not allow product to reach drains, sewage systems or ground water.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state

liquid

Colour

red

Odour

strawberry

Important health, safety and environmental information

Odour threshold	No information.
pH	7
Melting point/Freezing point	No information.
Initial boiling point/boiling range	No information.
Flash point	> 60 °C
Evaporation rate	No information.
Flammability (solid, gas)	No information.
Explosion limits (vol%)	No information.
Vapour pressure	No information.
Vapour density	No information.
Density / weight	Relative density: 1
Solubility	Water: miscible
Partition coefficient	No information.
Auto-ignition temperature	No information.
Decomposition temperature	No information.
Viscosity	No information.
Explosive properties	Product is not explosive.
Oxidising properties	Not oxidising.

9.2 OTHER INFORMATION

Solids content	14.66 % (250 °C)
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SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

Stable under recommended transport or storage conditions.

10.2 Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

10.3 Possibility of hazardous reactions

The product is stable under recommended storage and handling conditions.

10.4 Conditions to avoid

Follow directions for use and storage.

10.5 Incompatible materials

Alkalis.

10.6 Hazardous decomposition products

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****(a) Acute toxicity**

For components

NAME	EXPOSURE ROUTE	TYPE	SPECIES	TIME	VALUE	METHOD	REMARK
sodium lauryl ether sulfate	oral	LD ₅₀	/	/	> 2000 mg/kg	/	/
benzyl benzoate	oral	LD ₅₀	rat	/	> 2000 mg/kg	/	/
benzyl benzoate	dermal	LD ₅₀	rabbit	/	> 2000 mg/kg	/	/
sulphuric acid	oral	LD ₅₀	rat	/	2140 mg/kg	/	/
sulphuric acid	inhalation	LC ₅₀	rat	8 h	0.6 mg/l	/	/
isopentyl acetate	oral	LD ₅₀	rat	/	7400 mg/kg	/	/
isopentyl acetate	dermal	LD ₅₀	rabbit	/	> 5 mg/kg	/	/
2,3-butanedione	oral	LD ₅₀	rat	/	> 2000 mg/kg	/	/
2,3-butanedione	dermal	LD ₅₀	rabbit	/	> 5000 mg/kg	/	/

Additional information

The product is not classified for acute toxicity.

(b) Skin corrosion/irritation

No information.

Additional information

Causes skin irritation.

(c) Serious eye damage/irritation

No information.

Additional information

Causes serious eye damage.

(d) Respiratory or skin sensitisation

No information.

Additional information

The product is not classified as sensitising.

(e) (Germ cell) mutagenicity

No information.

(f) Carcinogenicity

No information.

(g) Reproductive toxicity

No information.

Summary of evaluation of the CMR properties

The product is not classified as carcinogenic, mutagenic or toxic for reproduction.

(h) STOT-single exposure

No information.

Additional information

STOT SE (single exposure): Not classified.

(i) STOT-repeated exposure

No information.

Additional information

STOT RE (repeated exposure): Not classified.

(j) Aspiration hazard

No information.

Additional information

Aspiration hazard: Not classified.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity****Acute (short-term) toxicity****For components**

NAME	TYPE	VALUE	EXPOSURE TIME	SPECIES	ORGANISM	METHOD	REMARK
sodium lauryl ether sulfate	LC ₅₀	> 1	96 h	fish	/	/	/
sodium lauryl ether sulfate	EC ₅₀	7.2 mg/L	48 h	crustacea	/	/	/
sodium lauryl ether sulfate	EC ₅₀	7.5 mg/L	72 h	algae	/	/	/
benzyl benzoate	LC ₅₀	2.32	96 h	fish	/	/	/
benzyl benzoate	EC ₅₀	3.09 mg/L	48 h	crustacea	<i>Daphnia</i>	/	/
sulphuric acid	LC ₅₀	> 16 mg/L	96 h	fish	<i>Lepomis macrochirus</i>	/	/
sulphuric acid	EC ₅₀	> 100 mg/L	72 h	algae	<i>Desmodesmus subspicatus</i>	/	/
isopentyl acetate	LC ₅₀	> 22	96 h	fish	/	/	/
isopentyl acetate	EC ₅₀	42 mg/L	48 h	crustacea	/	/	/

Chronic (long-term) toxicity**For components**

NAME	TYPE	VALUE	EXPOSURE TIME	SPECIES	ORGANISM	METHOD	REMARK
sodium lauryl ether sulfate	NOEC	1 mg/l	/	fish	/	/	/
sodium lauryl ether sulfate	NOEC	0.18 mg/l	/	crustacea	/	/	/
benzyl benzoate	NOEC	0.247 mg/l	/	algae	/	/	/
isopentyl acetate	NOEC	21.5 mg/l	/	fish	/	/	/

12.2 Persistence and degradability

Abiotic degradation, physical- and photo-chemical elimination

No information.

Biodegradation

For components

NAME	TYPE	RATE	TIME	EVALUATION	METHOD	REMARK
sodium lauryl ether sulfate	-	/	/	rapidly biodegradable	/	/
benzyl benzoate	-	/	/	rapidly biodegradable	/	/
sulphuric acid	-	/	/	Not rapidly biodegradable.	/	/

12.3 Bioaccumulative potential

Partition coefficient

No information.

Bioconcentration factor (BCF)

No information.

12.4 Mobility in soil

Known or predicted distribution to environmental compartments

No information.

Surface tension

No information.

Adsorption/Desorption

No information.

12.5 Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances in percentages greater than 0.1%.

12.6 Other adverse effects

No information.

12.7 Additional information

For product

Do not allow to reach ground water, water courses or sewage system.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product / Packaging disposal

Waste chemical

Dispose of in accordance with applicable waste disposal regulation. Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste. Do not allow product to reach drains/sewage systems.

Waste codes / waste designations according to LoW

No information.

Packaging

Dispose of in accordance with applicable waste disposal regulation. Deliver completely emptied containers to approved waste disposal authorities.

Waste codes / waste designations according to LoW

No information.

Waste treatment-relevant information

No information.

Sewage disposal-relevant information

No information.

Other disposal recommendations

No information.

SECTION 14: TRANSPORT INFORMATION

ADR/RID	IMDG	IATA	ADN
14.1 UN number			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
14.2 UN proper shipping name			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
14.3 Transport hazard class(es)			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
14.4 Packing group			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
14.5 Environmental hazards			
NO	NO	NO	NO
14.6 Special precautions for user			
Limited quantities Not given/not applicable	Limited quantities Not given/not applicable		Limited quantities Not given/not applicable
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable

SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)(including last amendment Commission Regulation (EU) 2015/830)
- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline) not applicable

Regulation EC 648/2004 on detergents

5% - < 15%: anionic surfactants; perfumes (Alpha-Isomethyl Ionone, Benzyl Alcohol, Benzyl Benzoate, Limonene)

Special instructions

Regulation (EC) No. 1907/2006 (REACH) Annex XVII - Terms of restriction: 3, 40. Observe the regulations on employment and protection against dangerous substances for young people, pregnant women and nursing mothers.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION**Indication of changes**

2.2 Label elements 3.2 Mixtures 7.2 Conditions for safe storage, including any incompatibilities 8.1 Control parameters 9.1 Information on basic physical and chemical properties 11.1 Information on toxicological effects 12.1 Toxicity 12.2 Persistence and degradability

Key literature references and sources for data

No information.

Abbreviations and acronyms

ATE - Acute Toxicity Estimate
 ADR - Agreement concerning the International Carriage of Dangerous Goods by Road
 ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 CEN - European Committee for Standardisation
 C&L - Classification and Labelling
 CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
 CAS# - Chemical Abstracts Service number
 CMR - Carcinogen, Mutagen, or Reproductive Toxicant
 CSA - Chemical Safety Assessment
 CSR - Chemical Safety Report
 DMEL - Derived Minimal Effect Level
 DNEL - Derived No Effect Level
 DPD - Dangerous Preparations Directive 1999/45/EC
 DSD - Dangerous Substances Directive 67/548/EEC
 DU - Downstream User
 EC - European Community
 ECHA - European Chemicals Agency
 EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)
 EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)
 EEC - European Economic Community
 EINECS - European Inventory of Existing Commercial Substances
 ELINCS - European List of notified Chemical Substances
 EN - European Standard
 EQS - Environmental Quality Standard
 EU - European Union
 Euphrac - European Phrase Catalogue
 EWC - European Waste Catalogue (replaced by LoW – see below)
 GES - Generic Exposure Scenario
 GHS - Globally Harmonized System
 IATA - International Air Transport Association
 ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air
 IMDG - International Maritime Dangerous Goods

IMSBC - International Maritime Solid Bulk Cargoes
IT - Information Technology
IUCLID - International Uniform Chemical Information Database
IUPAC - International Union for Pure Applied Chemistry
JRC - Joint Research Centre
Kow - octanol-water partition coefficient
LC50 - Lethal Concentration to 50 % of a test population
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)
LE - Legal Entity
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)
LR - Lead Registrant
M/I - Manufacturer / Importer
MS - Member States
MSDS - Material Safety Data Sheet
OC - Operational Conditions
OECD - Organization for Economic Co-operation and Development
OEL - Occupational Exposure Limit
OJ - Official Journal
OR - Only Representative
OSHA - European Agency for Safety and Health at work
PBT - Persistent, Bioaccumulative and Toxic substance
PEC - Predicted Effect Concentration
PNEC(s) - Predicted No Effect Concentration(s)
PPE - Personal Protection Equipment
(Q)SAR - Qualitative Structure Activity Relationship
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
RIP - REACH Implementation Project
RMM - Risk Management Measure
SCBA - Self-Contained Breathing Apparatus
SDS - Safety data sheet
SIEF - Substance Information Exchange Forum
SME - Small and Medium sized Enterprises
STOT - Specific Target Organ Toxicity
(STOT) RE - Repeated Exposure
(STOT) SE - Single Exposure
SVHC - Substances of Very High Concern
UN - United Nations
vPvB - Very Persistent and Very Bioaccumulative

List of relevant H phrases

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.