

SAFETY DATA SHEET according to regulation 1907/2006



Product name: 6075 Fade-Thinner Spray

Creation date: 12.01.2021, **Revision:** 25.10.2022, **version:** 5.0

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

1.1 Product identifier

Product name

6075 Fade-Thinner Spray

Product code

[6075]

UFI:

1KTH-D0MC-000F-D6V2



<https://my.chemius.net/p/Mwfq3X/en/pd/en>

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

Relevant identified uses

No information.

Uses advised against

No information.

1.3 Details of the supplier of the safety data sheet

Manufacturer

SILCO d.o.o.

Sentrupert 5a

3303 Gomilsko, Slovenia

+386 3 703 3180

msds@silco.si

1.4 Emergency Telephone Number

Emergency

112

Manufacturer

112

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

Flam. Gas 1; H220 Extremely flammable gas.

Press. Gas; H280 Contains gas under pressure; may explode if heated.

Skin Irrit. 2; H315 Causes skin irritation.

Eye Dam. 1; H318 Causes serious eye damage.

STOT SE 3; H336 May cause drowsiness or dizziness.

2.2 Label elements

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



Signal word: Danger

- H220 Extremely flammable gas.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H336 May cause drowsiness or dizziness.
- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read carefully and follow all instructions.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P211 Do not spray on an open flame or other ignition source.
- P251 Do not pierce or burn, even after use.
- P271 Use only outdoors or in a well-ventilated area.
- P405 Store locked up.
- P410 + P412 Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122°F.
- P501 Dispose of contents/container in accordance with national regulation.

Contains:
Cikloheksanon
n-butyl acetate

2.3 Other hazards
No information.

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
dimethyl ether	115-10-6 204-065-8 603-019-00-8	50-60	Flam. Gas 1; H220 Press. Gas; H280	/	/
ethyl acetate	141-78-6 205-500-4 607-022-00-5	20-25	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066	/	/
Cikloheksanon	108-94-1 203-631-1 606-010-00-7	10-15	Flam. Liq. 3; H226 Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Dam. 1; H318 Acute Tox. 4; H332	/	/
n-butyl acetate	123-86-4 204-658-1 607-025-00-1	5-10	Flam. Liq. 3; H226 STOT SE 3; H336 EUH066	/	/
heptan-2-one	110-43-0 203-767-1 606-024-00-3	2-5	Flam. Liq. 3; H226 Acute Tox. 4; H302 Acute Tox. 4; H332	/	/

SECTION 4: FIRST AID MEASURES

4.1 First aid measures

General notes

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

Following inhalation

Remove patient to fresh air - move out of dangerous area. In case of unconsciousness bring patient into stable side position and seek medical attention. If breathing is irregular or respiratory arrest occurs provide artificial respiration. Keep at rest in a position comfortable for breathing. Immediately consult a doctor.

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. Immediately obtain professional medical help!

Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. Consult a physician immediately!

Following ingestion

Do not induce vomiting! Rinse mouth thoroughly with water. 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

Vapours may cause drowsiness and dizziness.

Following skin contact

Itching, redness, pain.

Following eye contact

Redness, pain, burning sensation, tearing, can cause permanent damage to the eyes.

Following ingestion

Irritates mucous membranes in the mouth, throat, esophagus and in gastrointestinal area.

4.3 Indication of any immediate medical attention and special treatment needed

No information.

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

No information.

5.3 Advice for firefighters

Protective actions

Cool containers at risk with water spray. If possible remove containers from endangered area.

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

No information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment

No information.

Precautionary measures

Ensure adequate ventilation. Keep away from sources of ignition and/or heat; No smoking!

Emergency procedures

No information.

For emergency responders

No information.

6.2 Environmental precautions

In case of release into the environment, inform the relevant authorities.

6.3 Methods and material for containment and cleaning up

For containment

No information.

For cleaning up

No information.

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. Keep away from sources of ignition - no smoking. Use spark-proof tools. Take precautionary measures against static discharges.

Measures to prevent aerosol and dust generation

No information.

Measures to protect the environment

No information.

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.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Protect from open fire, heat and direct sunlight. Keep away from food, drink and animal feeding stuffs.

Packaging materials

No information.

Requirements for storage rooms and vessels

No information.

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
Cyclohexanone (108-94-1)	41	10	82	20	Sk, BMGV	2 mmol cyclohexanol/mol creatinine in urine - Post shift 2 mmol cyclohexanol/mol creatinine in urine - Post shift
Butyl acetate (123- 86-4)	724	150	966	200	/	/
Dimethyl ether (115-10-6)	766	400	958	500	/	/
Ethyl acetate (141- 78-6)	734	200	1468	400	/	/
Heptan-2-one (110- 43-0)	237	50	475	100	Sk	/

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 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

DNEL/DMEL values

For product

No information.

For components

Name	Type	Exposure route	exp. frequency	Remark	value
dimethyl ether	Worker	inhalation	long term systemic effects	/	1894 mg/m ³
dimethyl ether	Consumer	inhalation	long term systemic effects	/	471 mg/m ³
ethyl acetate	Worker	inhalation	long term systemic effects	/	734 mg/m ³
ethyl acetate	Worker	inhalation	short term systemic effects	/	1468 mg/m ³

ethyl acetate	Worker	inhalation	long term local effects	/	734 mg/m ³
ethyl acetate	Worker	inhalation	short term local effects	/	1468 mg/m ³
ethyl acetate	Worker	dermal	long term systemic effects	/	63 mg/kg bw/day
ethyl acetate	Consumer	inhalation	long term systemic effects	/	367 mg/m ³
ethyl acetate	Consumer	inhalation	short term systemic effects	/	734 mg/m ³
ethyl acetate	Consumer	inhalation	long term local effects	/	367 mg/m ³
ethyl acetate	Consumer	inhalation	short term local effects	/	734 mg/m ³
ethyl acetate	Consumer	dermal	long term systemic effects	/	37 mg/kg bw/day
ethyl acetate	Consumer	oral	long term systemic effects	/	4.5 mg/kg bw/day
Cikloheksanon	Worker	inhalation	long term systemic effects	/	40 mg/m ³
Cikloheksanon	Worker	inhalation	short term systemic effects	/	80 mg/m ³
Cikloheksanon	Worker	inhalation	long term local effects	/	40 mg/m ³
Cikloheksanon	Worker	inhalation	short term local effects	/	80 mg/m ³
Cikloheksanon	Worker	dermal	long term systemic effects	/	4 mg/kg bw/day
Cikloheksanon	Worker	dermal	short term systemic effects	/	4 mg/kg bw/day
Cikloheksanon	Consumer	inhalation	long term systemic effects	/	10 mg/m ³
Cikloheksanon	Consumer	inhalation	short term systemic effects	/	20 mg/m ³
Cikloheksanon	Consumer	inhalation	long term local effects	/	20 mg/m ³
Cikloheksanon	Consumer	inhalation	short term local effects	/	40 mg/m ³
Cikloheksanon	Consumer	dermal	long term systemic effects	/	1 mg/kg bw/day
Cikloheksanon	Consumer	dermal	short term systemic effects	/	1 mg/kg bw/day
Cikloheksanon	Consumer	oral	long term systemic effects	/	1.5 mg/kg bw/day
Cikloheksanon	Consumer	oral	short term systemic effects	/	1.5 mg/kg bw/day
n-butyl acetate	Worker	inhalation	long term systemic effects	/	300 mg/m ³
n-butyl acetate	Worker	inhalation	short term systemic effects	/	600 mg/m ³
n-butyl acetate	Worker	inhalation	long term local effects	/	300 mg/m ³
n-butyl acetate	Worker	inhalation	short term local effects	/	600 mg/m ³
n-butyl acetate	Worker	dermal	long term systemic effects	/	11 mg/kg bw/day
n-butyl acetate	Worker	dermal	short term systemic effects	/	11 mg/kg bw/day
n-butyl acetate	Consumer	inhalation	long term systemic effects	/	35.7 mg/m ³
n-butyl acetate	Consumer	inhalation	short term systemic effects	/	300 mg/m ³
n-butyl acetate	Consumer	inhalation	long term local effects	/	35.7 mg/m ³
n-butyl acetate	Consumer	inhalation	short term local effects	/	300 mg/m ³
n-butyl acetate	Consumer	dermal	long term systemic effects	/	6 mg/kg bw/day
n-butyl acetate	Consumer	dermal	short term systemic effects	/	6 mg/kg bw/day

n-butyl acetate	Consumer	oral	long term systemic effects	/	2 mg/kg bw/day
n-butyl acetate	Consumer	oral	short term systemic effects	/	2 mg/kg bw/day
heptan-2-one	Worker	inhalation	long term systemic effects	/	394.25 mg/m ³
heptan-2-one	Worker	inhalation	short term systemic effects	/	1516 mg/m ³
heptan-2-one	Worker	dermal	long term systemic effects	/	54.27 mg/kg bw/day
heptan-2-one	Consumer	inhalation	long term systemic effects	/	84.31 mg/m ³
heptan-2-one	Consumer	dermal	long term systemic effects	/	23.32 mg/kg bw/day
heptan-2-one	Consumer	oral	long term systemic effects	/	23.32 mg/kg bw/day

PNEC values

For product

No information.

For components

Name	Exposure route	Remark	value
dimethyl ether	fresh water	/	0.155 mg/L
dimethyl ether	water, intermittent release	/	1.549 mg/L
dimethyl ether	marine water	/	0.016 mg/L
dimethyl ether	water treatment plant	/	160 mg/L
dimethyl ether	fresh water sediment	dry weight	0.681 mg/kg
dimethyl ether	marine water sediment	dry weight	0.069 mg/kg
dimethyl ether	soil	dry weight	0.045 mg/kg
ethyl acetate	fresh water	/	0.24 mg/L
ethyl acetate	water, intermittent release	/	1.65 mg/L
ethyl acetate	marine water	/	0.024 mg/L
ethyl acetate	water treatment plant	/	650 mg/L
ethyl acetate	fresh water sediment	dry weight	1.15 mg/kg
ethyl acetate	marine water sediment	dry weight	0.115 mg/kg
ethyl acetate	soil	dry weight	0.148 mg/kg
ethyl acetate	secondary poisoning	food	0.2 g/kg
Cikloheksanon	fresh water	/	0.033 mg/L
Cikloheksanon	water, intermittent release	/	0.329 mg/L
Cikloheksanon	marine water	/	0.003 mg/L
Cikloheksanon	water treatment plant	/	10 mg/L
Cikloheksanon	fresh water sediment	dry weight	0.249 mg/kg
Cikloheksanon	marine water sediment	dry weight	0.025 mg/kg
Cikloheksanon	soil	dry weight	0.03 mg/kg
n-butyl acetate	fresh water	/	0.18 mg/L
n-butyl acetate	water, intermittent release	/	0.36 mg/L
n-butyl acetate	marine water	/	0.018 mg/L
n-butyl acetate	water treatment plant	/	35.6 mg/L
n-butyl acetate	fresh water sediment	dry weight	0.981 mg/kg
n-butyl acetate	marine water sediment	dry weight	0.098 mg/kg
n-butyl acetate	soil	dry weight	0.09 mg/kg
heptan-2-one	fresh water	/	0.098 mg/L
heptan-2-one	water, intermittent release	/	0.982 mg/L
heptan-2-one	marine water	/	0.01 mg/L

heptan-2-one	water treatment plant	/	12.5 mg/L
heptan-2-one	fresh water sediment	dry weight	1.89 mg/kg
heptan-2-one	marine water sediment	dry weight	0.189 mg/kg
heptan-2-one	soil	dry weight	0.321 mg/kg

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.

Structural measures to prevent exposure

No information.

Organisational measures to prevent exposure

No information.

Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration.

Personal protective equipment

Eye and face protection

Safety glasses with side protection (EN 166).

Hand protection

Protective gloves (EN 374). In case of prolonged exposure, wear protective gloves (EN 374).

Appropriate materials

Skin protection

Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345).

Respiratory protection

In case of insufficient ventilation wear suitable respiratory protection. Wear suitable protective breathing mask (EN 136) with filter A2-P2 (EN 14387).

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

No information.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state

gas - aerosol

Colour

colourless

Odour

No information.

Important health, safety and environmental information

Odour threshold	No information.
pH	substance/mixture is non-soluble (in water) (Does not apply)

Melting point/Freezing point	No information.
Initial boiling point/boiling range	-24.9 °C
Flash point	< 0 °C (DIN 51758 - Based on contents without propellant.)
Evaporation rate	No information.
Flammability (solid, gas)	235 °C
Explosion limits (vol%)	3 vol % 18.6 vol %
Vapour pressure	3400 hPa
Vapour density	(Heavier than air; Air = 1)
Density / weight	No information.
Solubility	No information.
Partition coefficient	No information.
Auto-ignition temperature	(Not self-igniting.)
Decomposition temperature	No information.
Viscosity	No information.
Explosive properties	Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.
Oxidising properties	No information.

9.2 OTHER INFORMATION

Weight organic solvents	752 g/l 752 g/l (VOC (CH))
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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No information.

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

No information.

10.4 Conditions to avoid

Protect from heat, direct sunlight, open fire, sparks.

10.5 Incompatible materials

No information.

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
dimethyl ether	inhalation	LC ₅₀	rat	4 h	308 mg/m ³	/	/
Cikloheksanon	oral	LD ₅₀	rat	/	1535 mg/kg	/	/
Cikloheksanon	dermal	LD ₅₀	rabbit	/	948 mg/kg	/	/
Cikloheksanon	inhalation	LC ₅₀	rat	4 h	8000 mg/l	/	/
n-butyl acetate	dermal	LD ₅₀	rabbit	/	5000 mg/kg	/	/
n-butyl acetate	inhalation	LC ₅₀	rat	4 h	9.6 - 29.2 mg/l	/	dust/aerosol
n-butyl acetate	oral	LD ₅₀	rat	/	4700 mg/kg	/	/
heptan-2-one	dermal	LD ₅₀	rabbit	/	12600 mg/kg	/	/
heptan-2-one	oral	LD ₅₀	rat	/	1670 mg/kg	/	/

(b) Skin corrosion/irritation

No information.

(c) Serious eye damage/irritation

No information.

(d) Respiratory or skin sensitisation

No information.

(e) (Germ cell) mutagenicity

No information.

(f) Carcinogenicity

No information.

(g) Reproductive toxicity

No information.

Summary of evaluation of the CMR properties

No information.

(h) STOT-single exposure

No information.

(i) STOT-repeated exposure

No information.

(j) Aspiration hazard

No information.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Acute (short-term) toxicity

For components

Name	Type	value	Exposure time	Species	organism	Method	Remark
dimethyl ether	EC ₅₀	> 4000 mg/L	48 h	crustacea	<i>Daphnia magna</i>	/	/
Cikloheksanon	LC ₅₀	32.9 mg/L	/	algae	/	/	/
Cikloheksanon	LC ₅₀	180 mg/L	/	bacteria	/	/	/
Cikloheksanon	LC ₅₀	820 mg/L	/	daphnia	/	/	/
n-butyl acetate	LC ₅₀	18 mg/L	96 h	fish	/	/	/
n-butyl acetate	EC ₅₀	44 mg/L	48 h	crustacea	/	/	/
n-butyl acetate	EC ₅₀	675 mg/L	72 h	algae	/	/	/

heptan-2-one	LC ₅₀	131 - 137 mg/L	96 h	fish	/	/	/
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Chronic (long-term) toxicity

No information.

12.2 Persistence and degradability**Abiotic degradation, physical- and photo-chemical elimination**

No information.

Biodegradation

No information.

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

No evaluation.

12.6 Other adverse effects

No information.

12.7 Additional information

No information.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product / Packaging disposal****Waste chemical**

Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

Waste codes / waste designations according to LoW

No information.

Packaging

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			
UN 1950	UN 1950	UN 1950	UN 1950
14.2 UN proper shipping name			
AEROSOLS	AEROSOLS	AEROSOLS	AEROSOLS
14.3 Transport hazard class(es)			
2	2	2	2
			
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 1 L Special provisions 190, 327, 344, 625 Packing Instructions P207, LP200 Special packing provisions PP87, RR6, L2 Transport category 2 Tunnel restriction code (D)	Limited quantities 1 L EmS F-D, S-U Flash point 0 °C	Limited Quantity, Packing Instructions (Ltd Qty, Pkg Inst) Y203 Limited Quantity, Maximum Net Quantity/Package (Ltd Qty, Max Net Qty/Pkg) 30 kg G Packing Instructions (Pkg Inst) 203 Maximum Net Quantity/Package (Max Net Qty/Pkg) 25 kg Special provisions A145, A167, A802	Limited quantities 1 L
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code			
Goods may not be carried in bulk in bulk containers, containers or vehicles.	Goods may not be carried in bulk in bulk containers, containers or vehicles.	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

No information.

Special instructions

Seveso III, P3a: flammable aerosols.

Technical instructions air: class: NK; content: 50-100%.

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**

9.1 Information on basic physical and chemical properties

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

EWG - 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

H220 Extremely flammable gas.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H280 Contains gas under pressure; may explode if heated.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H336 May cause drowsiness or dizziness.