SAFETY DATA SHEET ACCORDING TO 2020 NO. 1577 - THE REACH ETC. (AMENDMENT ETC.) (EU EXIT) REGULATIONS 2020 (UK REACH)

Product name: HONA Detail Paint

Creation date: 13.11.2023, Revision: 13.11.2023, version: 1.0

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

1.1 Product identifier

Product name

HONA Detail Paint

https://my.chemius.net/p/E73otf/en/pd/e8

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

Supplier

HONA Ltd
Unit 19 Estuary Court, Queensway Meadows Industrial Estate
NP19 4SX Newport, United Kingdom
07917457563
info@homeofnailart.com

1.4 Emergency Telephone Number

Emergency

112

Supplier

07917457563

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to 2020 No. 1567 (GB CLP).

According to the regulation, the chemical is not classified as hazardous.

2.2 Label elements

Labelling according to 2020 No. 1567 (GB CLP)

EUH210 Safety data sheet available on request.

2.3 Other hazards

PBT/vPvB

No information.

Endocrine disrupting properties

The product does not contain substances with the potential for endocrine disorders.

Additional information

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 2020 No. 1567 (GB CLP).	Specific Concentration Limits	Notes for substances
ACRYLATES COPOLYMER	159666-35-0 - -	75-85	/	/	/
ACRYLOYL MORPHOLINE	5117-12-4 - -	5-10	/	/	/
Hydroxycyclohexyl phenyl ketone	947-19-3 213-426-9 -	2.5-5	/	/	/
CI 77742	- - -	0.1-3	/	/	/
CI 77510	- - -	0.1-3	/	/	/
Ci 15850	5858-81-1 227-497-9 -	0.1-3	/	/	/
Ci 77499	12227-89-3 235-442-5 -	0.1-3	/	/	/
CI 19140 (YELLOW 5)	- - -	0.1-3	/	/	/
CI 77891	- - -	0.1-3	/	/	/
CI 77288	- - -	0.1-3	/	/	/
Ci 45410	18472-87-2 242-355-6 -	0.1-3	Eye Irrit. 2; H319 STOT RE 2; H373 Aquatic Chronic 3; H412	/	/
SILICA DIMETHYL SILYLATE	68611-44-9 271-893-4 -	1-2.5	/	/	/

SECTION 4: FIRST AID MEASURES

4.1 Description of 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. No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing

aid to give mouth-to-mouth resuscitation. When it is suspected, that there may still be harmful vapours/fumes present in the air, respiratory protection (mask; self contained breathing apparatus) must be used. Wash contaminated clothing with water before removing or use gloves.

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. Seek medical help immediately.

Following skin contact
Take off all contaminated clothing. Consult a physician.

Following eye contact
Immediately flush eyes with running water, keeping eyelids apart. Seek medical help.

Following ingestion
Do not induce vomiting! 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
No first aid should be needed

Following skin contact
Contact with skin may cause irritation (redness, itching).

Following eye contact
Contact with eyes can cause irritation (redness, tearing, pain).

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 or heating do not breathe fumes/vapours. No action shall be taken involving any personal risk or without suitable training.

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

Emergency procedures

No action shall be taken involving any personal risk or without suitable training. Prevent access to unprotected personnel. Evacuate the danger zone. Do not breathe vapour or mist.

For emergency responders

Use personal protective equipment.

6.2 Environmental precautions

Do not allow product to reach water/drains/sewage systems or permeable soil. In case of release into the environment, inform the relevant 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. Prevent release into the sewer, water, basements or confined areas. Ventilate the premises. Clean contaminated area with plenty of water.

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. Remove contaminated clothes and wash them before reuse. Wear suitable protective equipment; see Section 8.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep in a cool, dry and well ventilated place. Keep away from food, drink and animal feeding stuffs.

Packaging materials
Store only in original container.

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
No information.

Information on monitoring procedures
BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values. 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
No information.

PNEC values

For product
No information.

For components
No information.

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. Do not eat, drink or smoke while working. Do not breathe vapours/aerosols.

Structural measures to prevent exposure
No information.

Organisational measures to prevent exposure
Remove all contaminated clothes immediately and wash them before reuse.

Technical measures to prevent exposure
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

Safety glasses with side protection (BS EN ISO 16321-1:2022).

Hand protection

Protective gloves (EN ISO 374-1:2016). 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

Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345:2022). At high risk of skin exposure chemical suits (BS EN 13034:2005+A1:2009) and boots may be required (BS EN ISO 20345:2022).

Respiratory protection

In case of insufficient ventilation wear suitable respiratory protection. Wear suitable protective breathing mask (EN 136) with filter A2-P2 (EN 14387). 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 BS EN 137, BS 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

No information.

Odour

light

Important health, safety and environmental information

Odour threshold	No information.
Melting point/Freezing point	No information.
Boiling point or initial boiling point and boiling range	No information.
Flammability	No information.
Lower and upper explosion limit	No information.
Flash point	No information.
Auto-ignition temperature	No information.
Decomposition temperature	No information.
pH	7
Viscosity	17000 — 21000 mPas at 25 °C
Solubility	No information.
Partition coefficient	No information.
Vapour pressure	No information.

Density and/or relative density	1.05
Relative vapour density	No information.
Particle characteristics	No information.

9.2 Other information

Explosive properties	No information.

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

No information.

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 hazard classes as defined in Regulation (EC) No 1272/2008

(a) Acute toxicity

For components

Name	Exposure route	Type	Species	Time	value	Method	Remark
ACRYLOYL MORPHOLINE	oral	LD_{50}	rat	/	588 mg/kg	/	Supplier's data
ACRYLOYL MORPHOLINE	dermal	LD_{50}	rat	/	> 2000 mg/kg	/	Supplier's data
ACRYLOYL MORPHOLINE	inhalation (dusts/mists)	LC_{50}	rat	/	5.28 mg/l	/	/
CI 77510	oral	LD_{50}	rat	/	> 3200 mg/kg	/	/
CI 77510	oral	LD_{50}	mouse	/	> 3200 mg/kg	/	/
CI 77510	dermal	LD_{50}	guinea pig	/	> 1000 mg/kg	/	/
CI 77510	oral	LD_{50}	rat	/	> 3200 mg/kg	/	/

CI 77510	oral	LD_{50}	mouse	/	> 3200 mg/kg	/	/
CI 77510	dermal	LD_{50}	guinea pig	/	> 1000 mg/kg	/	/
CI 77288	oral	LD_{50}	rat	/	> 2000 mg/kg	OECD 401	/
CI 77288	dermal	LD_{50}	rat	/	> 2000 mg/kg	OECD 402	/
CI 77288	dermal	LD_{50}	rabbit	/	> 2000 mg/kg	/	RTECS
CI 77288	oral	LD_{50}	rat	/	> 2000 mg/kg	OECD 401	/
CI 77288	dermal	LD_{50}	rat	/	> 2000 mg/kg	OECD 402	/
CI 77288	dermal	LD_{50}	rabbit	/	> 2000 mg/kg	/	RTECS
CI 77288	oral	LD_{50}	rat	/	> 2000 mg/kg	OECD 401	/
CI 77288	dermal	LD_{50}	rat	/	> 2000 mg/kg	OECD 402	/
CI 77288	dermal	LD_{50}	rabbit	/	> 2000 mg/kg	/	RTECS
SILICA DIMETHYL SILYLATE	oral	LC_{50}	rat	/	> 5000 mg/kg	/	/
SILICA DIMETHYL SILYLATE	inhalation	LC_{50}	rat	/	> 0.477 mg/L/4h	/	/

Additional information

The product is not classified as acutely toxic.

(b) Skin corrosion/irritation

For components

Name	Species	Time	result	Method	Remark
CI 77510	guinea pig	10 days	Mild irritating.	/	/
CI 77510	guinea pig	10 days	Mild irritating.	/	/

Additional information

The product is not classified as irritating to skin and eyes.

(c) Serious eye damage/irritation

For components

Name	Exposure route	Species	Time	result	Method	Remark
CI 77510	/	rabbit	24 h	Mild irritating.	/	/
CI 77510	/	rabbit	24 h	Mild irritating.	/	/

(d) Respiratory or skin sensitisation

No information.

Additional information

The product is not classified as sensitising.

(e) (Germ cell) mutagenicity

For components

Name	Type	Species	Time	result	Method	Remark
CI 77288	in-vitro mutagenicity	/	/	Negative.	OECD 471	Back mutation test in bacteria
CI 77288	in-vitro mutagenicity	/	/	Negative.	OECD 471	Back mutation test in bacteria
CI 77288	in-vitro mutagenicity	/	/	Negative.	OECD 471	Back mutation test in bacteria

(f) Carcinogenicity

For components

Name	Exposure route	Type	Species	Time	value	result	Method	Remark
CI 77288	/	/	rat	/	/	Negative	/	Literature
CI 77288	/	/	rat	/	/	Negative	/	Literature
CI 77288	/	/	rat	/	/	Negative	/	Literature

(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

For components

Name	Exposure route	Type	Species	Time	Exposure	organ	value	result	Method	Remark
CI 77288	/	NOAEL	/	/	/	/	1000 mg/kg bw/day	/	/	literature
CI 77288	/	NOAEL	/	/	/	/	1000 mg/kg bw/day	/	/	literature
CI 77288	/	NOAEL	/	/	/	/	1000 mg/kg bw/day	/	/	literature

Additional information

May cause damage to organs through prolonged or repeated exposure.

(j) Aspiration hazard

No information.

Additional information

Aspiration hazard: Not classified.

Symptoms related to the physical, chemical and toxicological characteristics

No information.

Interactive effects

No information.

11.2 Information on other hazards

Endocrine disrupting properties

The product does not contain substances with the potential for endocrine disorders.

Other information

No information.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Acute (short-term) toxicity

For components

Name	Type	value	Exposure time	Species	organism	Method	Remark
ACRYLOYL MORPHOLINE	EC_{50}	120 mg/L	48 h	crustacea	*Daphnia magna*	OECD 202	/
ACRYLOYL MORPHOLINE	EC_{50}	120 mg/L	72 h	algae	Microcystis aeruginosa	OECD 201 (Alga, Growth Inhibition Test) OECD 201 (Alga, Growth Inhibition Test)	/
CI 77510	LC_{50}	> 100 mg/L	96 h	fish	Fathead minnow	/	Maximum achievable concentration
CI 77510	LC_{50}	> 100 mg/L	96 h	crustacea	*Daphnia*	/	Maximum achievable concentration

CI 77510	LC_{50}	> 100 mg/L	96 h	aquatic invertebrates	*Translation required (83142)*	/	Maximum achievable concentration
CI 77510	LC_{50}	> 100 mg/L	96 h	aquatic invertebrates	earthworm	/	Maximum achievable concentration
CI 77510	LC_{50}	> 100 mg/L	96 h	fish	Fathead minnow	/	Maximum achievable concentration
CI 77510	LC_{50}	> 100 mg/L	96 h	crustacea	*Daphnia*	/	Maximum achievable concentration
CI 77510	LC_{50}	> 100 mg/L	96 h	aquatic invertebrates	*Translation required (83142)*	/	Maximum achievable concentration
CI 77510	LC_{50}	> 100 mg/L	96 h	aquatic invertebrates	earthworm	/	Maximum achievable concentration
CI 77288	LC_{50}	> 100 mg/L	96 h	fish	*Cyprinus carpio*	OECD 203	/
CI 77288	EC_{50}	> 100 mg/L	48 h	crustacea	*Daphnia magna*	OECD 202	immobilization
CI 77288	EC_{50}	> 100 mg/L	72 h	algae	*Scenedesmus subspicatus*	OECD 201	growth inhibition
CI 77288	EC_{10}	14730 mg/L	/	bacteria	Pseudomonas putida	/	analogy
CI 77288	LC_{50}	> 100 mg/L	96 h	fish	*Cyprinus carpio*	OECD 203	/
CI 77288	EC_{50}	> 100 mg/L	48 h	crustacea	*Daphnia magna*	OECD 202	immobilization
CI 77288	EC_{50}	> 100 mg/L	72 h	algae	*Scenedesmus subspicatus*	OECD 201	growth inhibition
CI 77288	EC_{10}	14730 mg/L	/	bacteria	Pseudomonas putida	/	analogy
CI 77288	LC_{50}	> 100 mg/L	96 h	fish	*Cyprinus carpio*	OECD 203	/
CI 77288	EC_{50}	> 100 mg/L	48 h	crustacea	*Daphnia magna*	OECD 202	immobilization
CI 77288	EC_{50}	> 100 mg/L	72 h	algae	*Scenedesmus subspicatus*	OECD 201	growth inhibition
CI 77288	EC_{10}	14730 mg/L	/	bacteria	Pseudomonas putida	/	analogy
SILICA DIMETHYL SILYLATE	LC_{50}	> 10000 mg/L	96 h	fish	/	/	/
SILICA DIMETHYL SILYLATE	EC50	> 10000 mg/L	24 h	crustacea	Daphnie	/	/
SILICA DIMETHYL SILYLATE	IC_{50}	> 10000 mg/L	72 h	algae	/	/	/

Chronic (long-term) toxicity

No information.

12.2 Persistence and degradability

Abiotic degradation, physical- and photo-chemical elimination

No information.

Biodegradation

For components

Name	Type	Rate	Time	Evaluation	Method	Remark
CI 77288	BOD	1450 mg/g	30 days	/	/	/
CI 77288	biodegradability	> 90 %	28 days	readily biodegradable	OECD 301 E	Modified OECD Screening Test
CI 77288	DOC - Dissolved Organic Carbon	492 mg/g	/	/	/	/

CI 77288	COD	1858 mg/g	/	/	DIN 38409 H41	/
CI 77288	BOD	1450 mg/g	30 days	/	/	/
CI 77288	biodegradability	> 90 %	28 days	readily biodegradable	OECD 301 E	Modified OECD Screening Test
CI 77288	DOC - Dissolved Organic Carbon	492 mg/g	/	/	/	/
CI 77288	COD	1858 mg/g	/	/	DIN 38409 H41	/
CI 77288	BOD	1450 mg/g	30 days	/	/	/
CI 77288	biodegradability	> 90 %	28 days	readily biodegradable	OECD 301 E	Modified OECD Screening Test
CI 77288	DOC - Dissolved Organic Carbon	492 mg/g	/	/	/	/
CI 77288	COD	1858 mg/g	/	/	DIN 38409 H41	/

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 Endocrine disrupting properties

The product does not contain substances with the potential for endocrine disorders.

12.7 Other adverse effects

No information.

12.8 Additional information

For product

Product is not classified as dangerous for environment. Do not allow to reach ground water, water courses or sewage system.

For components

CI 77288

This substance is not PBT-/vPvB. This substance is not PBT-/vPvB. This substance is not PBT-/vPvB.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product / Packaging disposal

Waste chemical

Do not allow product to reach drains/sewage systems. 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. Uncleaned containers are classified as hazardous waste - they should be handled in the same manner as the contents.

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 or ID number			
Not dangerous according to transport regulations.	Not dangerous according to transport regulations.	Not dangerous according to transport regulations.	Not dangerous according to transport regulations.
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 Maritime transport in bulk according to IMO instruments			
	Not given/not applicable		

SECTION 15: REGULATORY INFORMATION

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

- The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (UK REACH - 2020 No. 1577).

- The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020 (GB CLP - 2020 No. 1567).

Information according 2012 No. 1715 about limitation of emissions of volatile organic compounds (VOC-guideline)
not applicable

Ingredients according to 2020 No. 1617 (The Detergents (Amendment) (EU Exit) Regulations 2020)
No information.

Special instructions
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
No information.

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
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)
GB CLP - Classification Labelling Packaging Regulation; The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020 - 2020 No. 1567
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
LC_{50} - Lethal Concentration to 50 % of a test population
LD_{50} - 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
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
UK REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 - 2020 No. 1577
UN - United Nations
vPvB - Very Persistent and Very Bioaccumulative

List of relevant H phrases

H319 Causes serious eye irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.