SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Innobike 202 DISC CLEANER Aerosol

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

1.2.1 Relevant uses

Cleaning agent

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

innotech Vertriebs GmbH
Junkersstrasse 16
93055 Regensburg / GERMANY
Phone +49(0)941 70 08 78
Fax +49(0)941 70 46 60
Homepage www.innotech-r.de
E-mail info@innotech-r.de

Address enquiries to

Technical information info@innotech-r.de

Safety Data Sheet sdb@chemiebuero.de (No dispatch of safety data sheets)

Safety data sheets are available from the supplier.

1.4 Emergency telephone number

Advisory body Call NHS 111 or a doctor

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (GB) CLP]

Aerosol 1: H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated.
Aquatic Chronic 2: H411 Toxic to aquatic life with long lasting effects.
STOT SE 3: H336 May cause drowsiness or dizziness.
Eye Irrit. 2: H319 Causes serious eye irritation.
Asp. Tox. 1: H304 May be fatal if swallowed and enters airways.

2.2 Label elements

The product is required to be labelled in accordance with regulation CLP.
The determination of properties hazardous to health does not take the propellant or carrier material into account.

Hazard pictograms

Signal word DANGER

Contains: Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

Propan-2-ol

Acetone

Hazard statements
H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H411 Toxic to aquatic life with long lasting effects.
H336 May cause drowsiness or dizziness.
H319 Causes serious eye irritation.

Precautionary statements
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
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.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122°F.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves / eye protection.
P501 Dispose of contents/container in accordance with local/national regulation.

Cleaner, 648/2004/CE, contains: >=30% aliphatic hydrocarbons

2.3 Other hazards

Environmental hazards Does not contain any PBT or vPvB substances.
Contains no ingredients with endocrine-disrupting properties.

Other hazards Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
35 - <40	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics
	CAS: 64742-49-0, EINECS/ELINCS: 920-750-0, Reg-No.: 01-2119473851-33-XXXX
	GHS/CLP: Flam. Liq. 2: H225 - Asp. Tox. 1: H304 - Aquatic Chronic 2: H411 - STOT SE 3: H336 - EUH066
25 - <30	Acetone
	CAS: 67-64-1, EINECS/ELINCS: 200-662-2, EU-INDEX: 606-001-00-8, Reg-No.: 01-2119471330-49-XXXX
	GHS/CLP: Flam. Liq. 2: H225 - Eye Irrit. 2: H319 - STOT SE 3: H336 - EUH066
25 - <30	Propan-2-ol
	CAS: 67-63-0, EINECS/ELINCS: 200-661-7, EU-INDEX: 603-117-00-0, Reg-No.: 01-2119457558-25-XXXX
	GHS/CLP: Flam. Liq. 2: H225 - Eye Irrit. 2: H319 - STOT SE 3: H336
1 - <5	Carbon dioxide (EU occupational exposure limit value)
	CAS: 124-38-9, EINECS/ELINCS: 204-696-9
	GHS/CLP: Press. Gas: H280

Comment on component parts Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information
Change soaked clothing.

Inhalation
Ensure supply of fresh air.
In the event of symptoms seek medical treatment.

Skin contact
In case of contact with skin wash off immediately with soap and water.
Consult a doctor if skin irritation persists.

Eye contact
In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

Ingestion
Do not induce vomiting.
In the event of symptoms seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects
Headache
Drowsiness
Vertigo
Nausea, vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media
Dry powder.
Carbon dioxide.
Foam.

Extinguishing media that must not be used
Full water jet.

5.2 Special hazards arising from the substance or mixture

risk of formation of toxic pyrolysis products, carbon monoxide (CO), not combusted hydrocarbons
Bursting aerosols can be forcibly projected from a fire.

5.3 Advice for firefighters

Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.
Cool containers at risk with water spray jet.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from all sources of ignition.
Ensure adequate ventilation.
Use personal protective equipment (protective gloves, safety glasses, protective clothing).

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous earth).
Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.

Keep away from all sources of ignition - Refrain from smoking.
Vapours can form an explosive mixture with air.

Do not eat, drink, smoke or take drugs at work.
Wash hands before breaks and after work.
Use barrier skin cream.

7.2 Conditions for safe storage, including any incompatibilities

Provide solvent-resistant and impermeable floor.

Do not store together with oxidizing agents.

Keep container in a well-ventilated place.
Protect from heat/overheating and from sun.
Keep in a cool place, heat causes increase in pressure and risk of bursting.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Substance
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics
CAS: 64742-49-0, EINECS/ELINCS: 920-750-0, Reg-No.: 01-2119473851-33-XXXX
Long-term exposure: 1200 mg/m³
Propan-2-ol
CAS: 67-63-0, EINECS/ELINCS: 200-661-7, EU-INDEX: 603-117-00-0, Reg-No.: 01-2119457558-25-XXXX
Long-term exposure: 400 ppm, 999 mg/m³
Short-term exposure (15-minute): 500 ppm, 1250 mg/m³
Acetone
CAS: 67-64-1, EINECS/ELINCS: 200-662-2, EU-INDEX: 606-001-00-8, Reg-No.: 01-2119471330-49-XXXX
Long-term exposure: 500 ppm, 1210 mg/m³
Short-term exposure (15-minute): 1500 ppm, 3620 mg/m³
Carbon dioxide (EU occupational exposure limit value)
CAS: 124-38-9, EINECS/ELINCS: 204-696-9
Long-term exposure: 5000 ppm, 9150 mg/m³
Short-term exposure (15-minute): 15000 ppm, 27400 mg/m³

Ingredients with occupational exposure limits to be monitored (EU)

Substance / EC LIMIT VALUES
Acetone
CAS: 67-64-1, EINECS/ELINCS: 200-662-2, EU-INDEX: 606-001-00-8, Reg-No.: 01-2119471330-49-XXXX
Eight hours: 500 ppm, 1210 mg/m³
Carbon dioxide (EU occupational exposure limit value)
CAS: 124-38-9, EINECS/ELINCS: 204-696-9
Eight hours: 5000 ppm, 9000 mg/m³

DNEL

Substance
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics, CAS: 64742-49-0
Industrial, dermal, Long-term - systemic effects, 773 mg/kg bw
Industrial, inhalative (vapor), Long-term - systemic effects, 2035 mg/m³
general population, inhalative (vapor), Long-term - systemic effects, 608 mg/m³
general population, oral, Long-term - systemic effects, 699 mg/kg bw
general population, dermal, Long-term - systemic effects, 699 mg/kg bw
Acetone, CAS: 67-64-1
Industrial, inhalative, Long-term - local effects, 2420 mg/m³
Industrial, inhalative, Long-term - systemic effects, 1210 mg/m³
Industrial, dermal, Long-term - systemic effects, 186 mg/kg bw/d
general population, oral, Long-term - systemic effects, 62 mg/kg bw/d
general population, dermal, Long-term - systemic effects, 62 mg/kg bw/d
general population, inhalative, Long-term - systemic effects, 200 mg/m³
Propan-2-ol, CAS: 67-63-0
Industrial, dermal, Long-term - systemic effects, 888 mg/kg bw/day

Industrial, inhalative (vapor), Long-term - systemic effects, 500 mg/m³
general population, inhalative (vapor), Long-term - systemic effects, 89 mg/m³
general population, oral, Long-term - systemic effects, 26 mg/kg
general population, dermal, Long-term - systemic effects, 319 mg/kg bw/day

PNEC

Substance
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics, CAS: 64742-49-0
There are no PNEC values established for the substance.
Acetone, CAS: 67-64-1
sewage treatment plants (STP), 100 mg/L
soil, 29.5 mg/kg soil dw
sediment (seawater), 3.04 mg/kg sediment dw
sediment (freshwater), 30.4 mg/kg sediment dw
seawater, 1.06 mg/L
freshwater, 10.6 mg/L
Propan-2-ol, CAS: 67-63-0
oral (food), 160 mg/kg
sewage treatment plants (STP), 2251 mg/l
freshwater, 140.9 mg/l
sediment (freshwater), 552 mg/kg
sediment (seawater), 552 mg/kg
seawater, 140.9 mg/l
soil, 28 mg/kg

8.2 Exposure controls

Additional advice on system design
Ensure adequate ventilation on workstation.
Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.

Eye protection
Safety glasses. (EN 166:2001)

Hand protection
0.7 mm Nitrile rubber, >480 min (EN 374-1/-2/-3).
The details concerned are recommendations. Please contact the glove supplier for further information.

Skin protection
light protective clothing

Other
Avoid contact with eyes and skin.
Do not inhale gases/vapours/aerosols.
Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.

Respiratory protection
In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection.
Short term: filter apparatus, combination filter A-P2. (DIN EN 14387)

Thermal hazards
not applicable

Delimitation and monitoring of the environmental exposition
See SECTION 6+7.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Form	aerosol
Color	colourless
Odor	characteristic
Odour threshold	not determined
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	not applicable
Flash point [°C]	not applicable
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	0.6 Vol.%
Upper explosion limit	13 Vol.%
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	350
Density [g/cm³]	0.75
Relative density	not determined
Bulk density [kg/m³]	not applicable
Solubility in water	partially miscible
Solubility other solvents	No information available.
Partition coefficient [n-octanol/water]	not determined
Kinematic viscosity	not applicable
Relative vapour density	not applicable
Evaporation speed	not applicable
Melting point [°C]	not applicable
Auto-ignition temperature	not determined
Decomposition temperature [°C]	not applicable
Particle characteristics	No information available.

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Risk of bursting.

10.4 Conditions to avoid

Strong heating.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

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

Acute oral toxicity Based on available data, the classification criteria are not met.

Substance
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics, CAS: 64742-49-0
LD50, oral, Rat, > 5000 mg/kg
Acetone, CAS: 67-64-1
LD50, oral, Rat, 5800 mg/kg bw, OECD 401
Propan-2-ol, CAS: 67-63-0
LC50, oral, Rat, 5045 mg/kg (RTECS)
LD0, oral, Human, 3570 mg/kg (RTECS)

Acute dermal toxicity Based on available data, the classification criteria are not met.

Substance
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics, CAS: 64742-49-0
LD50, dermal, Rat, > 2800 mg/kg
Acetone, CAS: 67-64-1
LD50, dermal, Rabbit, >15800 mg/kg bw
Propan-2-ol, CAS: 67-63-0
LD50, dermal, Rabbit, 12800 mg/kg (RTECS)

Acute inhalational toxicity Based on available data, the classification criteria are not met.

Substance
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics, CAS: 64742-49-0
LC50, inhalative, Rat, > 23.3 mg/l (4h)
Acetone, CAS: 67-64-1
LC50, inhalative, Rat, 76 mg/L, 4h
Propan-2-ol, CAS: 67-63-0
LC50, inhalative, Rat, 72.6 mg/l/4h (RTECS)

Serious eye damage/irritation Irritant

Substance
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics, CAS: 64742-49-0
Rabbit, in vivo (Federal Register of the F.D.A. Test for e, non-irritating
Acetone, CAS: 67-64-1
Eye, irritant
Propan-2-ol, CAS: 67-63-0
Eye, Rabbit, irritant

Skin corrosion/irritation Based on available data, the classification criteria are not met.
Repeated exposure may cause skin dryness or cracking.

Substance
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics, CAS: 64742-49-0
Rabbit, in vivo, OECD 404, non-irritating
Acetone, CAS: 67-64-1
dermal, non-irritating
Propan-2-ol, CAS: 67-63-0
dermal, Rabbit, irritant

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Substance
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics, CAS: 64742-49-0
Guinea pig, in vivo (non-LLNA), OECD 406, non-sensitizing
Acetone, CAS: 67-64-1
dermal, non-sensitizing
Propan-2-ol, CAS: 67-63-0
dermal, Guinea pig, OECD 406, non-sensitizing

Specific target organ toxicity — single exposure Vapours may cause drowsiness and dizziness.

Substance
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics, CAS: 64742-49-0
No information available., positive
Acetone, CAS: 67-64-1
inhalative, adverse effect observed
Propan-2-ol, CAS: 67-63-0
No information available., positive

Specific target organ toxicity — repeated exposure Based on available data, the classification criteria are not met.

Substance
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics, CAS: 64742-49-0
NOAEC, inhalative, Rat, 8117 mg/m³, OECD 413, no adverse effect observed
Acetone, CAS: 67-64-1
NOAEL, oral, mouse, 20000 ppm
NOAEL, oral, Rat, 10000 - 50000 ppm
NOAEC, inhalative, Rat, 19000 ppm
LOAEL, oral, mouse, 50000 ppm
LOAEL, oral, Rat, 20000 ppm
Propan-2-ol, CAS: 67-63-0
NOAEC, inhalative, Rat, 12500 mg/m³, OECD 451, negativ

Mutagenicity Does not contain a relevant substance that meets the classification criteria.

Substance
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics, CAS: 64742-49-0
NOEL, oral, mouse, > 2000 mg/kg, OECD 474, no adverse effect observed
Propan-2-ol, CAS: 67-63-0
OECD 476, negativ

Reproduction toxicity Does not contain a relevant substance that meets the classification criteria.

Substance
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics, CAS: 64742-49-0
NOAEL, inhalation (vapour), Rat, 9000 ppm, OECD 416, no adverse effect observed
Propan-2-ol, CAS: 67-63-0
oral, Rat, 596 mg/kg bw/day, OECD 414, negativ

Carcinogenicity Does not contain a relevant substance that meets the classification criteria.

Substance
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics, CAS: 64742-49-0
no adverse effect observed
Propan-2-ol, CAS: 67-63-0
NOAEC, inhalative, Rat, 12 290 mg/m³, OECD 451, negativ

Aspiration hazard May be fatal if swallowed and enters airways.

General remarks

Toxicological data of complete product are not available.

11.2 Information on other hazards

Endocrine disrupting properties Contains no ingredients with endocrine-disrupting properties.

Other information none

SECTION 12: Ecological information

12.1 Toxicity

Substance
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics, CAS: 64742-49-0
LC50, (96h), Daphnia magna, < 10 mg/l
EL50, (72h), Pseudokirchneriella subcapitata, > 10 - 30 mg/l
NOEC, (21d), Daphnia magna, 0.17 mg/l
NOELR, (72h), Pseudokirchneriella subcapitata, > 10 mg/l
LL50, (96h), Oncorhynchus mykiss, > 13.4 mg/l
LOEC, (21d), Daphnia magna, 0.32 mg/l
Acetone, CAS: 67-64-1
LC50, (24h), Invertebrates, 2.1 g/L
LC50, (48h), Daphnia pulex, 8800 mg/l
LC50, (96h), fish, 5.54 - 8.12 g/L
EC50, (0,5h), Microorganisms, 61.15 g/L
NOEC, (28d), Invertebrates, 1.106 - 2.212 g/L
NOEC, (96h), Algae, 430 mg/l
LOEC, (28d), Invertebrates, 2.212 g/L
Propan-2-ol, CAS: 67-63-0
LC50, (96h), Lepomis macrochirus, 1400 mg/l (ECOTOX-Database)
EC50, (48h), Daphnia magna, > 13000 mg/l (IUCLID)
IC50, (72h), Scenedesmus quadricauda (algea), > 1000 mg/l (IUCLID)

12.2 Persistence and degradability

Behaviour in environment compartments not determined

Behaviour in sewage plant AOX-advice: No dangerous components.
Contains no organic complexing agents.

Biological degradability not determined

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Endocrine disrupting properties

Contains no ingredients with endocrine-disrupting properties.

12.7 Other adverse effects

Ecotoxicological data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose of as hazardous waste.

Waste no. (recommended) 160504* gases in pressure containers (including halons) containing dangerous substances

Contaminated packaging

Uncontaminated packaging may be taken for recycling.

Waste no. (recommended) 150110* packaging containing residues of or contaminated by hazardous substances
150104

SECTION 14: Transport information

14.1 UN number or ID number

Transport by land according to ADR/RID	1950
Inland navigation (ADN)	1950
Marine transport in accordance with IMDG	1950
Air transport in accordance with IATA	1950

14.2 UN proper shipping name

Transport by land according to ADR/RID	Aerosols
- Classification Code	5F
- Label	
- ADR LQ	1 l
- ADR 1.1.3.6 (8.6)	Transport category (tunnel restriction code) 2 (D)
Inland navigation (ADN)	Aerosols
- Classification Code	5F
- Label	
Marine transport in accordance with IMDG	Aerosols (Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics)
- EMS	F-D, S-U
- Label	
- IMDG LQ	1 l
Air transport in accordance with IATA	Aerosols, flammable
- Label	

14.3 Transport hazard class(es)

Transport by land according to ADR/RID	2
Inland navigation (ADN)	2
Marine transport in accordance with IMDG	2.1 (8)
Air transport in accordance with IATA	2.1

14.4 Packing group

Transport by land according to ADR/RID	not applicable
Inland navigation (ADN)	not applicable
Marine transport in accordance with IMDG	not applicable
Air transport in accordance with IATA	not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID	yes
Inland navigation (ADN)	yes
Marine transport in accordance with IMDG	MARINE POLLUTANT
Air transport in accordance with IATA	yes

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Maritime transport in bulk according to IMO instruments

No information available.

SECTION 15: Regulatory information

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

EEC-REGULATIONS	2008/98/EC 2000/532/EC); 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014
TRANSPORT-REGULATIONS	ADR (2021); IMDG-Code (2021, 40. Amdt.); IATA-DGR (2022)
NATIONAL REGULATIONS (GB):	EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.
- Observe employment restrictions for people	Observe employment restrictions for young people.
- VOC (2010/75/CE)	96 %

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H280 Contains gas under pressure; may explode if heated.

H319 Causes serious eye irritation.
EUH066 Repeated exposure may cause skin dryness or cracking.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
H304 May be fatal if swallowed and enters airways.
H225 Highly flammable liquid and vapour.

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ATE = acute toxicity estimate
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
EL50 = Median effective loading
ELINCS = European List of Notified Chemical Substances
EmS = Emergency Schedules
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform ChemicaL Information Database
IVIS = In vitro irritation score
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
LL50 = Median lethal loading
LQ = Limited Quantities
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV®/TWA = Threshold limit value – time-weighted average
TLV®STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure

Aerosol 1: H222 Extremely flammable aerosol. (Bridging principle "Aerosols") H229 Pressurised container: May burst if heated. (Bridging principle "Aerosols")
Aquatic Chronic 2: H411 Toxic to aquatic life with long lasting effects. (Calculation method)
STOT SE 3: H336 May cause drowsiness or dizziness. (Calculation method)
Eye Irrit. 2: H319 Causes serious eye irritation. (Calculation method)
Asp. Tox. 1: H304 May be fatal if swallowed and enters airways. (Bridging principle "Aerosols")

Modified position

none