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

1.1. Product identifier

Product name

iShine Ceramic Coating 9H

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

chemius.net/y3K9b

Relevant identified uses

Coating.
[PC9a] Coatings and paints, thinners, paint removers.

Uses advised against

No information.

1.3. Details of the supplier of the safety data sheet

Supplier

International Coating Distribution B.V.
Address: Stationsplein 8k, Maastricht, Netherlands 6221 BT
E-mail: info@icoatingdistribution.com

1.4. Emergency telephone number

Emergency

112

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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

Flam. Liq. 3; H226 Flammable liquid and vapour.
Water-react. 3; H261 In contact with water releases flammable gases.
Acute Tox. 4; H302 Harmful if swallowed.
Asp. Tox. 1; H304 May be fatal if swallowed and enters airways.
Skin Corr. 1B; H314 Causes severe skin burns and eye damage.
Skin Sens. 1; H317 May cause an allergic skin reaction.
Eye Dam. 1; H318 Causes serious eye damage.
STOT SE 3; H336 May cause drowsiness or dizziness.
Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

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

Signal word: **Danger**

H226 Flammable liquid and vapour.
H261 In contact with water releases flammable gases.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P232 Protect from moisture.
P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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/doctor.
P402 + P404 Store in a dry place. Store in a closed container.

2.2.2. Contains:

organic polysilazanes (CAS: 475645-84-2)
naphtha (petroleum), hydrotreated heavy (CAS: 64742-48-9, EC: 265-150-3, Index: 649-327-00-6)
n-butyl acetate (CAS: 123-86-4, EC: 204-658-1, Index: 607-025-00-1)
3-aminopropyltriethoxysilane (CAS: 919-30-2, EC: 213-048-4, Index: 612-108-00-0)

2.2.3. Special provisions

Special hazards are not known or expected.

2.3. Other hazards

While working with the product flammable/explosive vapour-air mixtures may develop.
decamethylcyclopentasiloxane: The substance meets the criteria for PBT/vPvB according to Regulation (EC) No. 1907/2006, Annex XIII.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

For mixtures see 3.2.

3.2. Mixtures

Name	CAS EC Index	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Conc. Limits	REACH Registration No.
organic polysilazanes	475645-84-2 - -	15-<35	Flam. Liq. 2; H225 Water-react. 3; H261 Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Chronic 3; H412		-
decamethylcyclopentasiloxane *[SVHC]*	541-02-6 - -	10-30	Aquatic Chronic 4; H413		-
naphtha (petroleum), hydrotreated heavy *[P]*	64742-48-9 265-150-3 649-327-00-6	10-30	Flam. Liq. 3; H226 Asp. Tox. 1; H304		-
n-butyl acetate	123-86-4 204-658-1 607-025-00-1	10-30	Flam. Liq. 3; H226 STOT SE 3; H336 EUH066		-
3-aminopropyltriethoxysilane	919-30-2 213-048-4 612-108-00-0	1-<2,5	Acute Tox. 4; H302 Skin Corr. 1B; H314 Skin Sens. 1; H317 Eye Dam. 1; H318		-
di-n-butyl ether	142-96-1 205-575-3 603-054-00-9	0,1-≤1	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 Aquatic Chronic 3; H412	STOT SE 3; H335: C ≥ 10 %	-

Notes for substances:

P	The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (Einecs No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102-)P260- P262-P301 + P310-P331 shall apply. This note applies only to certain complex oil-derived substances in Part 3.
SVHC	Substance of very high concern.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

General notes

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency.

Following inhalation

Remove patient to fresh air - move out of dangerous area. Obtain professional medical help! In case of unconsciousness bring patient into stable side position and seek medical attention.

Following skin contact

Immediately remove contaminated clothing. Do not remove clothing stuck to the skin. Areas of the body that have come into contact with the product must be rinsed immediately with plenty of running water. Immediately obtain professional medical help!

Following eye contact

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

Following ingestion

Rinse mouth thoroughly with water. Do not induce vomiting! If conscious, give half a litre of water to drink immediately. Immediately consult a doctor. Show the physician the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation

Vapours may cause drowsiness and dizziness.
Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation.
Coughing, sneezing, nasal discharge, labored breathing.

Skin contact

Causes corrosions, heavy burns.
Skin burns: Signs/symptoms may include localised redness, swelling, itching, dryness, blistering.
Contact with skin may cause irritation (redness, itching).

Eye contact

Corrosive effect. Risk of serious damage to eyes.
Redness, pain, burning sensation, tearing, can cause permanent damage to the eyes.

Ingestion

Harmful to health.
May cause nausea/vomiting.
If ingested, causes severe burns of the mouth and throat, as well as perforation of the esophagus and stomach.
May be fatal if swallowed and enters airways.

4.3. Indication of any immediate medical attention and special treatment needed

-

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam.
Carbon dioxide (CO_2).
Fire extinguishing powder.

Unsuitable extinguishing media

-

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Flammable liquid and vapours. Vapours and air can form explosive mixtures. In case of a fire toxic gases can be generated; do not inhale gases/smoke. In the event of fire the following can be generated: carbon monoxide (CO), carbon dioxide (CO_2).

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

Special protective equipment for firefighters

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

6.1.1. For non-emergency personnel

Protective equipment

Use personal protective equipment (Section 8).

Emergency procedures

Ensure adequate ventilation. Keep away from sources of ignition and/or heat; No smoking! No action shall be taken involving any personal risk or without suitable training. Area of accident must be marked and protected. Remove all unauthorized persons upwind to a safe distance. Prevent access to unprotected personnel. Avoid contact with skin, eyes and clothing. Do not breathe vapour or mist.

6.1.2. For emergency responders

During intervention, use personal protective equipment (Section 8).

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

6.3.1. For containment

Close the source of the release only if it is without risk.

6.3.2. For cleaning up

Make sure the leakage site is well aired. Absorb the product with sand or earth and place it in suitable containers. Fill into marked and tightly sealed containers. Use spark-proof tools. Dispose in accordance with applicable regulations (see Section 13).

6.3.3. Other information

-

6.4. Reference to other sections

See also Sections 8 and 13.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

7.1.1. Protective measures

Measures to prevent fire

Ensure adequate ventilation. Keep away from sources of ignition - no smoking. Take precautionary measures against static discharges. Ensure proper grounding of the equipment. Use only explosion-proof devices. Use spark-proof tools.

Measures to prevent aerosol and dust generation

Avoid the formation or spread of mists in the air. 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.

7.1.2. Advice on general occupational hygiene

Refer to instructions on label and regulations for safety and health at work. Wear suitable protective equipment; see Section 8. Use only outdoors or in well-ventilated areas. Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Prevent direct contact with substance. Avoid contact with skin, eyes and clothes. Do not breathe vapours/mist.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1. Technical measures and storage conditions

Store in accordance with local regulations. Keep in cool and well ventilated area. Keep in tightly closed container. Keep away from sources of ignition - no smoking. Ensure lighting and electrical equipment are not a source of ignition. Take precautionary measures against static discharges. Keep away from food, drink and animal feeding stuffs.

7.2.2. Packaging materials

-

7.2.3. Requirements for storage rooms and vessels

Close opened containers after use. Put the containers upright to prevent from leaking.

7.2.4. Storage class

-

7.2.5. Further information on storage conditions

-

7.3. Specific end use(s)

Recommendations

-

Industrial sector specific solutions

-

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.1.1. Occupational exposure limit values

Name (CAS)	Limit values		Short-term exposure limit		Remarks	Biological Tolerance Values
	ml/m^3 (ppm)	mg/m^3	ml/m^3 (ppm)	mg/m^3		
Butyl acetate (123-86-4)	150	724	200	966		

8.1.2. 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 482:2012+A1:2015 Workplace exposure. General requirements for the performance of procedures for the measurement of chemical agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values.

8.1.3. DNEL/DMEL values

No information.

8.1.4. PNEC values

No information.

8.2. Exposure controls

8.2.1. 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. Avoid contact with skin, eyes and clothes. Do not breathe vapours/aerosols.

Organisational measures to prevent exposure

Immediately remove contaminated clothing. Keep eyewash bottles or personal eyewash units and emergency showers available.

Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration. Electricity and lighting installations to be carried out as anti-explosive.

8.2.2. Personal protective equipment

Eye and face protection

Tight fitting protective goggles (EN 166).

Hand protection

Protective gloves (EN 374). Use impermeable protective gloves, resistant to the product / substance / preparation.

Skin protection

Protective work clothing resistant to liquid chemicals (EN 14605). Shoes that cover the entire foot (EN ISO 20345).

Respiratory protection

In case of insufficient ventilation wear suitable respiratory protection. If the concentration limit values are exceeded, it is necessary to wear appropriate respiratory protection. In case of insufficient ventilation wear a mask with filter ABEK-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 EN 137, EN 138.

Thermal hazards

-

8.2.3. Environmental exposure controls

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:**	colourless
-	**Odour:**	characteristic

Important health, safety and environmental information

-	**pH**	No information.
-	**Melting point/freezing point**	No information.
-	**Initial boiling point/boiling range**	No information.
-	**Flash point**	21 °C
-	**Evaporation rate**	No information.
-	**Flammability (solid, gas)**	No information.
-	**Explosion limits (vol%)**	No information.
-	**Vapour pressure**	No information.
-	**Vapour density**	No information.
-	**Density**	No information.
-	**Solubility**	No information.
-	**Partition coefficient**	No information.
-	**Auto-ignition temperature**	No information.
-	**Decomposition temperature**	No information.
-	**Viscosity**	No information.
-	**Explosive properties**	No information.
-	**Oxidising properties**	No information.

9.2. Other information

-	**Remarks:**	

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

Stable under recommended transport or storage conditions.

10.2. Chemical stability

Stable at room temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

The product is stable under recommended storage and handling conditions.

10.4. Conditions to avoid

Heat, sparks, flames and other ignition sources.

10.5. Incompatible materials

Strong oxidising agents.
Strong acids.

10.6. Hazardous decomposition products

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

Name	Exposure route	Type	Species	Time	Value	Method	Remark
decamethylcyclopentasiloxane (541-02-6)	dermal	LD_{50}	rabbit		2000 mg/kg		
decamethylcyclopentasiloxane (541-02-6)	oral	LD_{50}	rat		5000 mg/kg		
decamethylcyclopentasiloxane (541-02-6)	inhalation (vapours)	LC_{50}	rat	4 h	8,67 mg/l		
n-butyl acetate (123-86-4)	oral	LD_{50}	mouse		6 mg/kg		
n-butyl acetate (123-86-4)	oral	LD_{50}	rat		10768 mg/kg		
di-n-butyl ether (142-96-1)	oral	LD_{50}	rat		7400 mg/kg	OECD 401	
di-n-butyl ether (142-96-1)	dermal	LD_{50}	rabbit		7741 mg/kg	OECD 402	
di-n-butyl ether (142-96-1)	inhalation (vapours)	LC_{50}	rat	4 h	> 21,6 mg/l	OECD 403	
Additional information: Harmful if swallowed.							

(b) Skin corrosion/irritation

Name	Species	Time	Result	Method	Remark
di-n-butyl ether (142-96-1)	rabbit	4 h	Non-irritant.	OECD 404	
Additional information: Causes severe skin burns and eye damage.					

(c) Serious eye damage/irritation

Name	Species	Time	Result	Method	Remark
di-n-butyl ether (142-96-1)	rabbit		No irritant effect.	OECD 405	

(d) Respiratory or skin sensitisation

Name	Exposure route	Species	Time	Result	Method	Remark
di-n-butyl ether (142-96-1)	dermal	guinea pig		Non sensitising.	OECD 406	
Additional information: May cause an allergic skin reaction.						

(e) (Germ cell) mutagenicity

Name	Type	Species	Time	Result	Method	Remark
di-n-butyl ether (142-96-1)	in-vitro mutagenicity	Salmonella typhimurium		Negative with metabolic activation, negative without metabolic activation.	OECD 471	Ames test
di-n-butyl ether (142-96-1)	in-vitro mutagenicity	Human (lymphocytes)		Negative with metabolic activation, negative without metabolic activation.	OECD 473	
di-n-butyl ether (142-96-1)	in-vitro mutagenicity	Chinese hamster cells (CHO)		Negative with metabolic activation, negative without metabolic activation.	440/2008, B.17	

(f) Carcinogenicity

No information.

(g) Reproductive toxicity

No information.

Summary of evaluation of the CMR properties

No information.

(h) STOT-single exposure

Additional information: May cause drowsiness or dizziness.

(i) STOT-repeated exposure

No information.

(j) Aspiration hazard

Additional information: May be fatal if swallowed and enters airways.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.1. Acute (short-term) toxicity

For components

Substance (CAS Nr.)	Type	Value	Exposure time	Species	Organism	Method	Remark
di-n-butyl ether (142-96-1)	LC_{50}	32,3 mg/L	96 h	fish	*Pimephales promelas*	OECD 203	
	EC_{50}	26 mg/L	48 h	crustacea	*Daphnia magna*	US EPA	
	ErC_{50}	19,1 mg/L	72 h	algae	*Pseudokirchneriella subcapitata*	OECD 201	

12.1.2. Chronic (long-term) toxicity

No information.

12.2. Persistence and degradability

12.2.1. Abiotic degradation, physical- and photo-chemical elimination

No information.

12.2.2. Biodegradation

For components

Substance (CAS Nr.)	Type	Rate	Time	Evaluation	Method	Remark
di-n-butyl ether (142-96-1)	biodegradability	5 %	28 days	not readily biodegradable	OECD 301 D	

Additional information

Biodegradable.

12.3. Bioaccumulative potential

12.3.1. Partition coefficient

For components

Substance (CAS Nr.)	Media	Value	Temperature	pH	Concentration	Method
di-n-butyl ether (142-96-1)	Octanol-water (log Pow)	3,35				

12.3.2. Bioconcentration factor (BCF)

No information.

Additional information

No bioaccumulation expected.

12.4. Mobility in soil

12.4.1. Known or predicted distribution to environmental compartments

No information.

12.4.2. Surface tension

No information.

12.4.3. Adsorption/Desorption

No information.

Additional information

Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No information.

12.7. Additional information

For product

Harmful to aquatic life with long lasting effects.
Avoid release to the environment.
Water hazard class (WGK): 3 (Self-assessment), very hazardous for water.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

13.1.1. Product / Packaging disposal

Waste chemical

Avoid release to the environment. 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. Product and container must be disposed of safely.

Packaging

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

13.1.2. Waste treatment-relevant information

-

13.1.3. Sewage disposal-relevant information

-

13.1.4. Other disposal recommendations

-

SECTION 14. TRANSPORT INFORMATION

14.1. UN number

UN 3129

14.2. UN proper shipping name

WATER-REACTIVE LIQUID, CORROSIVE, N.O.S. (organic polysilazanes)

14.3. Transport hazard class(es)

4.3

14.4. Packing group

II

14.5. Environmental hazards

NO.

14.6. Special precautions for user

Limited quantities

500 ml

Tunnel restriction code

(D/E)

IMDG flashpoint

21 °C, c.c.

IMDG EmS

F-G, S-N

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.

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

15.1.1. Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)

Not applicable.

15.1.2. 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

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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
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
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

Key literature references and sources for data

-

List of relevant H phrases

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H261 In contact with water releases flammable gases.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
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.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.
EUH066 Repeated exposure may cause skin dryness or cracking.

BENS Consulting 100% GUARANTEE Quality assured

☑ Provided correct labelling of the product
☑ Compliance with the local legislation
☑ Provided correct classification of the product
☑ Provided adequate transport data

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The information of this SDS is based on the present state of our knowledge and meets the requirements of EU and national laws. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under Section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18 years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this SDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.