

Date Version : 30/06/2021

: 3

SAFETY DATA SHEET

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

| 1.1 Product identifier | |
|----------------------------------|------------------|
| Product name | : |
| Product code | : Not available. |
| Product description | : Not available. |
| Product type | : Liquid. |
| Other means of identification | : |

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

Identified uses

Wiping and cleaning various surfaces and components. For professional use only.

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

Uses advised against Not available.

1.3 Details of the supplier of the safety data sheet Supplier's details :

e-mail address of person : responsible for this SDS

1.4 Emergency telephone number <u>National advisory body/Poison Centre</u> Telephone number :

SupplierTelephone number:Hours of operation

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

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SECTION 2: Hazards identification

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

2

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms



| Signal word Hazard statements | | Danger H225 - Highly flammable liquid and vapour. H319 - Causes serious eye irritation. |
|---|-----|---|
| Precautionary statements | | H336 - May cause drowsiness or dizziness. |
| Prevention | : | P280 - Wear protective gloves, protective clothing and eye or face protection. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P271 - Use only outdoors or in a well-ventilated area. P261 - Avoid breathing vapour. P264 - Wash thoroughly after handling. |
| Response | : | P304 + P340, P312 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice or attention. |
| Storage | 1 | P405 - Store locked up. P403 + P233 - Store in a well-ventilated place. Keep container tightly closed. |
| Disposal | : | P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Supplemental label elements | : | Repeated exposure may cause skin dryness or cracking. |
| Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | : | Not applicable. |
| Special packaging requirem | ner | <u>its</u> |
| Containers to be fitted with child-resistant fastenings | : | Not applicable. |
| Tactile warning of danger | : | Not applicable. |

2.3 Other hazards



SECTION 2: Hazards identification

 Product meets the criteria
 : This mixture does not contain any substances that are assessed to be a PBT or a

 for PBT or vPvB according
 : VPvB.

 to Regulation (EC) No.
 : VPvB.

 1907/2006, Annex XIII
 : None known.

 Other hazards which do not result in classification
 : None known.

SECTION 3: Composition/information on ingredients

| Product/ingredient name | Identifiers | % | Regulation (EC) No. 1272/2008 [CLP] | Туре |
|-------------------------|---|----|---|---------|
| Isopropyl alcohol | REACH #: 01-2119457558-25-XXXX EC: 200-661-7 CAS: 67-63-0 Index: 603-117-00-0 | 70 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066 | [1] [2] |
| | | | See Section 16 for the full text of the H statements declared above. | |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

<u>Type</u>

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern
- [6] Additional disclosure due to company policy

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

| Eye contact | : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention. |
|--------------|---|
| Inhalation | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Get medical attention. |
| Skin contact | : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| Ingestion | : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention |

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SECTION 4: First aid measures

immediately. Maintain an open airway.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

| Eye contact | : Adverse symptoms may include the following: pain or irritation watering redness |
|--------------|---|
| Inhalation | : Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness |
| Skin contact | : Adverse symptoms may include the following: irritation dryness cracking |
| Ingestion | : No known significant effects or critical hazards. |

4.3 Indication of any immediate medical attention and special treatment needed

| Notes to physician | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
|---------------------|---|
| Specific treatments | : No specific treatment. |

SECTION 5: Firefighting measures

| 5.1 Extinguishing media | | |
|--|-----|---|
| Suitable extinguishing media | : | Use dry chemical, CO ₂ , water spray (fog) or foam. |
| Unsuitable extinguishing media | : | Do not use water jet. |
| 5.2 Special hazards arising fi | rom | the substance or mixture |
| Hazards from the substance or mixture | : | Highly flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. |
| Hazardous combustion products | : | Decomposition products may include the following materials: carbon dioxide carbon monoxide |
| 5.3 Advice for firefighters | | |
| Special protective actions for fire-fighters | : | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. |



SECTION 5: Firefighting measures

| Special protective | Fire-fighters should wear appropriate protective equipment and self-contained |
|-----------------------------|---|
| equipment for fire-fighters | breathing apparatus (SCBA) with a full face-piece operated in positive pressure |
| | mode. Clothing for fire-fighters (including helmets, protective boots and gloves) |
| | conforming to European standard EN 469 will provide a basic level of protection for |
| | chemical incidents. |

SECTION 6: Accidental release measures

| 6.1 Personal precautions, pro | tective equipment and emergency procedures |
|--|--|
| For non-emergency personnel | : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |
| For emergency responders | : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| 6.2 Environmental precautions | : Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| 6.3 Methods and material for | containment and cleaning up |
| Small spill : Vacuum or sweep up material and place in a designated, labelled waste conta Dispose of via a licensed waste disposal contractor. | |
| Large spill | : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. |
| 6.4 Reference to other sections | : See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information. |

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling Protective measures Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Keep in the original container, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Advice on general occupational hygiene Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

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SECTION 7: Handling and storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Seveso Directive - Reporting thresholds

Danger criteria

| | Notification and MAPP threshold | Safety report threshold |
|-----|---------------------------------|-------------------------|
| P5c | 5000 tonne | 50000 tonne |

7.3 Specific end use(s)

Recommendations

: Not available.

Industrial sector specific solutions

: Not available.

SECTION 8: Exposure controls/personal protection

The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters

Occupational exposure limits

| Product/ingredient name | Exposure limit values |
|--|--|
| Isopropyl alcohol | NAOSH (Ireland, 8/2018). Absorbed through skin. OELV-8hr: 200 ppm 8 hours. OELV-15min: 400 ppm 15 minutes. |
| procedures atmosphere of the venti protective of the followin the assess limit values atmosphere of exposure (Workplace for the mea | uct contains ingredients with exposure limits, personal, workplace e or biological monitoring may be required to determine the effectiveness ilation or other control measures and/or the necessity to use respiratory equipment. Reference should be made to monitoring standards, such as ng: European Standard EN 689 (Workplace atmospheres - Guidance for ment of exposure by inhalation to chemical agents for comparison with and measurement strategy) European Standard EN 14042 (Workplace es - Guide for the application and use of procedures for the assessment e to chemical and biological agents) European Standard EN 482 e atmospheres - General requirements for the performance of procedures asurement of chemical agents) Reference to national guidance of or methods for the determination of hazardous substances will also be |

DNELs/DMELs

| Product/ingredient name | Туре | Exposure | Value | Population | Effects |
|-------------------------|------|-------------------------|-----------------------|-----------------------|----------|
| Isopropyl alcohol | DNEL | Long term Oral | 26 mg/kg bw/day | General population | Systemic |
| | DNEL | Long term Inhalation | 89 mg/m³ | General population | Systemic |
| | DNEL | Long term Dermal | 319 mg/kg bw/day | General population | Systemic |
| | DNEL | Long term Inhalation | 500 mg/m ³ | Workers | Systemic |
| | DNEL | Long term Dermal | 888 mg/kg | Workers | Systemic |

| Berkshire Engineered gleam | | | |
|-------------------------------|-----------------------|------------|--|
| SECTION 8: Expos | ure controls/personal | protection | |
| | | bw/day | |

PNECs

No PNECs available

| 8.2 Exposure controls | | |
|-------------------------------------|---|--------------------|
| Appropriate engineering controls | Use only with adequate ventilation. If user operations generate vapour, use process enclosures, local exhaust ventilation or other engineering controls to worker exposure to airborne contaminants below any recommended or statut limits. | |
| Individual protection meas | | |
| Hygiene measures | Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working p Ensure that eyewash stations and safety showers are close to the workstation location. | eriod. |
| Eye/face protection | Recommended: Safety glasses. | |
| Skin protection | | |
| Hand protection | Chemical-resistant, impervious gloves complying with an approved standard s be worn at all times when handling chemical products if a risk assessment ind this is necessary. Considering the parameters specified by the glove manufa check during use that the gloves are still retaining their protective properties. should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. | dicates cturer, |
| Body protection | Personal protective equipment for the body should be selected based on the being performed and the risks involved and should be approved by a specialis before handling this product. When there is a risk of ignition from static electric wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Ref European Standard EN 1149 for further information on material and design requirements and test methods. | st ricity, |
| Other skin protection | Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should approved by a specialist before handling this product. | d be |
| Respiratory protection | Recommended: Vapour respirator. | |
| Environmental exposure controls | Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislat | tion. |

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

| Appearance | |
|------------------------------|---|
| Physical state | : Liquid. [Solid containing liquid (prewetted wiper)] |
| Colour | : White substrate with colourless liquid. |
| Odour | : Rubbing alcohol. |
| Odour threshold | : Not available. |
| Melting point/freezing point | : Not available. |

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| | | chemical pro | herries | > | | | | |
|--|-----------------|--|-------------------------|-------------------|----------------|------------------|----------|--------------|
| Initial boiling point and boiling range | - | Not available. | | | | | | |
| Flammability (solid, gas) | : | Highly flammable in flames, sparks and | | | | | | |
| Upper/lower flammability or explosive limits | : | Lower: 2% Upper: 12.7% | | | | | | |
| Flash point | : | Closed cup: 12 to 1 | 8°C (53.6 | to 64.4 | l°F) | | | |
| Auto-ignition temperature | : | 399°C (750.2°F) | , | | | | | |
| Decomposition temperature | : | Not available. | | | | | | |
| рН | : | 7 | | | | | | |
| Viscosity | : | Not available. | | | | | | |
| Solubility(ies) | : | Insoluble in the follo | wing mat | erials: o | cold water and | d hot wa | ter. | |
| Partition coefficient: n-octanol/ water | : | Not applicable. | | | | | | |
| | oour pressure : | | Vapour Pressure at 20°C | | | | | |
| Vapour pressure | 1 | | Vapou | r Press | sure at 20°C | Vapo | our pres | sure at 50°C |
| Vapour pressure | : | Ingredient name | Vapou mm Hg | 1 | Method | vapo mm Hg | kPa | sure at 50°C |
| Vapour pressure | : | Ingredient name | | 1 | 1 | mm | | 1 |
| Vapour pressure | : | | mm Hg | kPa | 1 | mm | | 1 |
| | : | Isopropyl alcohol | mm Hg | kPa 4.4 | 1 | mm | | 1 |
| Vapour pressure Evaporation rate Relative density | : | Isopropyl alcohol Water | mm Hg | kPa 4.4 | 1 | mm | | 1 |
| Evaporation rate | : : : : : | Isopropyl alcohol Water Not available. | mm Hg | kPa 4.4 | 1 | mm | | 1 |
| Evaporation rate Relative density Vapour density | : | Isopropyl alcohol Water Not available. Not available. | mm Hg | kPa 4.4 | 1 | mm | | 1 |
| Evaporation rate Relative density Vapour density Explosive properties | : | Isopropyl alcohol Water Not available. Not available. Not available. | mm Hg | kPa 4.4 | 1 | mm | | 1 |
| Evaporation rate Relative density | : | Isopropyl alcohol Water Not available. Not available. Not available. Not available. | mm Hg | kPa 4.4 | 1 | mm | | 1 |

SECTION 10: Stability and reactivity

| 10.1 Reactivity | : No specific test data related to reactivity available for this product or its ingredients | |
|--|---|---|
| 10.2 Chemical stability | : The product is stable. | |
| 10.3 Possibility of hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will not occur. | |
| 10.4 Conditions to avoid | : Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, welch braze, solder, drill, grind or expose containers to heat or sources of ignition. | , |
| 10.5 Incompatible materials | : Highly reactive or incompatible with the following materials: oxidising materials. | |
| 10.6 Hazardous decomposition products | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. | |



SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|-------------------------|--------------------------|---------------|---------------------------|----------|
| Isopropyl alcohol | LD50 Dermal LD50 Oral | Rabbit Rat | 12800 mg/kg 5000 mg/kg | - |

Acute toxicity estimates

| Product/ingredient name | Oral (mg/ kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapours) (mg/l) | |
|-------------------------|------------------|-------------------|--------------------------------|-----------------------------------|-----|
| Isopropyl alcohol | 5000 | 12800 | N/A | N/A | N/A |

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|-------------------------|--|------------------|-------|--------------------|-------------|
| Isopropyl alcohol | Eyes - Moderate irritant | Rabbit | - | 24 hours 100 mg | - |
| | Eyes - Moderate irritant Eyes - Severe irritant | Rabbit Rabbit | - | 10 mg 100 mg | - |
| | Skin - Mild irritant | Rabbit | - | 500 mg | - |

Sensitisation

There is no data available.

Mutagenicity

There is no data available.

Carcinogenicity

There is no data available.

Reproductive toxicity

There is no data available.

Teratogenicity

There is no data available.

Specific target organ toxicity (single exposure)

| Product/ingredient name | Category | Route of exposure | Target organs |
|-------------------------|------------|-------------------|------------------|
| Isopropyl alcohol | Category 3 | - | Narcotic effects |

Specific target organ toxicity (repeated exposure)

There is no data available.

Aspiration hazard

There is no data available.

Information on likely routes : Routes of entry anticipated: Oral, Dermal, Inhalation.

of exposure

Potential acute health effects

| l le | | | 312 | - |
|------|------|-----|-----|---|
| к | II U | 744 | | |
| I IP | 4 N | | | F |
| | 11 | ۱U | | |

| SECTION 44. Tank | lagical information |
|------------------------------|---|
| SECTION 11: Toxico | |
| Eye contact | : Causes serious eye irritation. |
| Inhalation | : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. |
| Skin contact | : Defatting to the skin. May cause skin dryness and irritation. |
| Ingestion | : Can cause central nervous system (CNS) depression. |
| Symptoms related to the phy | vsical, chemical and toxicological characteristics |
| Eye contact | : Adverse symptoms may include the following: pain or irritation watering redness |
| Inhalation | : Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness |
| Skin contact | : Adverse symptoms may include the following: irritation dryness cracking |
| Ingestion | : No known significant effects or critical hazards. |
| Delayed and immediate effect | cts as well as chronic effects from short and long-term exposure |
| Short term exposure | |
| Potential immediate effects | : No known significant effects or critical hazards. |
| Potential delayed effects | : No known significant effects or critical hazards. |
| Long term exposure | |
| Potential immediate effects | : No known significant effects or critical hazards. |
| Potential delayed effects | : No known significant effects or critical hazards. |
| Potential chronic health eff | <u>ects</u> |
| General | : Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/ or dermatitis. |
| Carcinogenicity | : No known significant effects or critical hazards. |
| Mutagenicity | : No known significant effects or critical hazards. |
| Reproductive toxicity | : No known significant effects or critical hazards. |
| Other information | : Not available. |

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SECTION 12: Ecological information

12.1 Toxicity

| Product/ingredient name | Result | Species | Exposure |
|-------------------------|---|--------------------------------------|----------|
| Isopropyl alcohol | Acute EC50 7550 mg/L Fresh water | Daphnia - Daphnia magna - Neonate | 48 hours |
| | Acute LC50 1400000 μg/L Marine water | Crustaceans - Crangon crangon | 48 hours |
| | Acute LC50 4200 mg/L Fresh water | Fish - Rasbora heteromorpha | 96 hours |

12.2 Persistence and degradability

There is no data available.

12.3 Bioaccumulative potential

| Product/ingredient name | LogP _{ow} | BCF | Potential |
|-------------------------|--------------------|-----|-----------|
| Isopropyl alcohol | 0.05 | - | low |

| 12.4 Mobility in soil | |
|---|----------------------|
| Soil/water partition coefficient (Koc) | : No data available. |
| | . Net sustable |
| Mobility | : Not available. |

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Other adverse effects : No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

| Product | | |
|---------------------|--|--|
| Methods of disposal | The generation of waste should be avoided or minimised wherever possible. Disposal of this product should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. | |
| Hazardous waste | The classification of the product may meet the criteria for a hazardous waste. | |
| Packaging | | |
| Methods of disposal | The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. | |
| Special precautions | : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. | |

Herkshire

SECTION 14: Transport information

| | ADR/RID | ADN | IMDG | ΙΑΤΑ |
|------------------------------------|--|--|--|--|
| 14.1 UN number | UN3175 | UN3175 | UN3175 | UN3175 |
| 14.2 UN proper shipping name | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropyl alcohol) | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropyl alcohol) | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropyl alcohol) | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropyl alcohol) |
| 14.3 Transport hazard class(es) | 4.1 | 4.1 | 4.1 | 4.1 |
| 14.4 Packing group | 11 | 11 | 11 | 11 |
| 14.5 Environmental hazards | No. | No. | No. | No. |

user

14.6 Special precautions for : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident.

14.7 Transport in bulk according to IMO instruments

: Not available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions : Not applicable. on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Industrial emissions : Not listed (integrated pollution prevention and control) -Air

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SECTION 15: Regulatory information

Industrial emissions : Not listed (integrated pollution prevention and control) -Water Ozone depleting substances (1005/2009/EU) Not listed. Prior Informed Consent (PIC) (649/2012/EU) Not listed. Persistent Organic Pollutants

Not listed.

Seveso Directive

This product is controlled under the Seveso Directive.

Danger criteria

Category

P5c

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

- **Europe** : All components are listed or exempted.
- **15.2 Chemical safety** : This product contains substances for which Chemical Safety Assessments are still required.



SECTION 16: Other information

| Revision comments | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 15, 16 |
|---|---|
| Abbreviations and acronyms | ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement N/A = Not available PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number SGG = Segregation Group vPvB = Very Persistent and Very Bioaccumulative |
| Key literature references and sources for data | The information used for classification has been taken from a variety of sources, including experimental data, company literature, and publicly available information on notified and registered substances given in the ECHA C&L Inventory. The list of harmonised classifications on Annex VI has also been consulted. |

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification | Justification | |
|----------------|---|--|
| , - | On basis of test data Calculation method Calculation method | |

Full text of abbreviated H statements

| H225 | Highly flammable liquid and vapour. | |
|--------|---|--|
| H319 | Causes serious eye irritation. | |
| H336 | May cause drowsiness or dizziness. | |
| EUH066 | Repeated exposure may cause skin dryness or cracking. | |

Full text of classifications [CLP/GHS]

| Eye Irrit. 2 Flam. Liq. 2 STOT SE 3 | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 FLAMMABLE LIQUIDS - Category 2 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3 | |
|---|---|--|
| Date of issue (dd/mm/yyyy) : 30/06/2021 | | |

| Date of previous issue | : 15/02/2019 |
|------------------------|--------------------------------|
| Version | : 3 |
| Internal code | : 120-001 |
| Prepared by | : KMK Regulatory Services Inc. |

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

