

Jotun Peroxide 1

| Section 1. Identif | fication |
|--|---|
| GHS product identifier | : Jotun Peroxide 1 |
| Other means of identification | : Not available. |
| Product code | : 21740 |
| Product description | : Oxidising material. |
| Product type | : Liquid. |
| Relevant identified uses of | f the substance or mixture and uses advised against |
| | Identified uses |
| Use in coatings - Industrial Use in coatings - Professior | |
| Supplier's details Emergency telephone | Jotun (Singapore) Pte Ltd 37 Tuas View Crescent Singapore 637236 Phone: 6508 8288 Fax: 6265 7484 SDSJotun@jotun.com Jotun (Singapore) Pte Ltd, Tel: 6508 8288 |
| number | |

Section 2. Hazards identification

| Classification of the substance or mixture | : ORGANIC PEROXIDES - Type D ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (inhalation) - Category 4 SKIN CORROSION/IRRITATION - Category 1B SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 |
|--|---|
| GHS label elements | |
| Hazard pictograms | |
| Signal word | : Danger. |
| Hazard statements | H242 - Heating may cause a fire. H302 + H332 - Harmful if swallowed or if inhaled. H314 - Causes severe skin burns and eye damage. |
| Precautionary statements | |
| 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. P220 - Keep away from clothing and other combustible materials. P234 - Keep only in original packaging. P261 - Avoid breathing vapour. P270 - Do not eat, drink or smoke when using this product. |

Section 2. Hazards identification

| Response: P304 + P310 - IF INHALED: Immediately call a POISON CENTER or doctor. P301 + P310, P330, P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting. P303 + P361 + P353, P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER or doctor. P363 - Wash contaminated clothing before reuse. P305 + P351 + P338, P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.Storage: P411 + P235 - Store at temperatures not exceeding 25°C/77°F. Keep cool. P420 - Store separately.Disposal: P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. | | |
|--|----------|---|
| P420 - Store separately.Disposal: P501 - Dispose of contents and container in accordance with all local, regional, | Response | P301 + P310, P330, P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting. P303 + P361 + P353, P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER or doctor. P363 - Wash contaminated clothing before reuse. P305 + P351 + P338, P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| | Storage | |
| | Disposal | |

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

Section 3. Composition/information on ingredients

| Substance/mixture | | : | Mixture | | |
|----------------------------------|----------------|---|-----------------|-----------|------------|
| Other means of identification | | : | Not available. | | |
| CAS number/other ident | <u>tifiers</u> | | | | |
| CAS number | | ÷ | Not applicable. | | |
| EC number | | ÷ | Mixture. | | |
| Product code | | ÷ | 21740 | | |
| Ingredient name | | | | % | CAS number |
| methyl ethyl ketone perox | kide | | | ≥25 - ≤50 | 1338-23-4 |
| butanone | | | | ≤3 | 78-93-3 |
| Hydrogen peroxide soluti | on | | | ≤3 | 7722-84-1 |

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 and hence require reporting in this section.

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

Chemical formula

: Not applicable.

Section 4. First aid measures

Description of necessary first aid measures

| Eye contact | : Get medical attention immediately. Call a poison center or physician. 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 10 minutes. Chemical burns must be treated promptly by a physician. |
|--------------|---|
| Inhalation | : Get medical attention immediately. Call a poison center or physician. 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. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| Skin contact | : Get medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse. |

Section 4. First aid measures

| Ingestion | : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. 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. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
|---------------------------------|--|
| Most important symptoms/e | effects, acute and delayed |
| Potential acute health effect | <u>cts</u> |
| Eye contact | : Causes serious eye damage. |
| Inhalation | : Harmful if inhaled. |
| Skin contact | : Causes severe burns. |
| Ingestion | : Harmful if swallowed. |
| <u>Over-exposure signs/symp</u> | <u>otoms</u> |
| Eye contact | : Adverse symptoms may include the following: pain watering redness |
| Inhalation | : No specific data. |
| Skin contact | : Adverse symptoms may include the following: pain or irritation redness blistering may occur |
| Ingestion | : Adverse symptoms may include the following: stomach pains |
| Indication of immediate mee | dical attention and special treatment needed, if necessary |
| Notes to physician | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| Specific treatments | : No specific treatment. |
| Protection of first-aiders | : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. |
| See toxicological informatic | on (Section 11) |

See toxicological information (Section 11)

Section 5. Firefighting measures

| Extinguishing media | |
|--|---|
| Suitable extinguishing media | : Use an extinguishing agent suitable for the surrounding fire. |
| Unsuitable extinguishing media | : None known. |
| Specific hazards arising from the chemical | : Runoff to sewer may create fire or explosion hazard. This material increases the risk of fire and may aid combustion. Heating may cause a fire. May re-ignite itself after fire is extinguished. Hazardous decomposition may occur. In a fire or if heated, a pressure increase will occur and the container may burst. |
| Hazardous thermal decomposition products | : Decomposition products may include the following materials: carbon dioxide carbon monoxide |
| 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. |
| Special protective equipment for fire-fighters | : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |

Section 6. Accidental release measures

| Personal precautions, protect | tiv | e 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. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapour or mist. 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". |
| Environmental precautions | : | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| Methods and material for con | ta | inment and cleaning up |
| Small spill | • | Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid contamination with reactive substances. Dilute with water and mop up if water-soluble. Do not absorb in sawdust or other combustible material. It may lead to a fire risk when it dries out. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate 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. Avoid contamination with reactive substances. Do not absorb in sawdust or other combustible material. It may lead to a fire risk when it dries out. 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 (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal. |

Section 7. Handling and storage

| Precautions for safe handling | L | | |
|--|---|---|-----------------------------------|
| Protective measures | : | Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Use of with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away fro heat, sparks, open flame or any other ignition source. Use explosion-proof elect (ventilating, lighting and material handling) equipment. Use only non-sparking to Keep away from clothing, incompatible materials and combustible materials. Temperature control may be required. Empty containers retain product residue a can be hazardous. Do not reuse container. | only a om rical ools. |
| 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. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. | ; |
| Conditions for safe storage, including any incompatibilities | : | To avoid the risk of formation of shock-sensitive crystals or loss of stability, it is important to store the product within the recommended temperature range. Temperature control may be required. Store in accordance with local regulations Store in a segregated and approved area. Store in original container protected fidirect sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store at temperatures not exceed 25°C/77°F. Store locked up. Eliminate all ignition sources. Separate from reduct agents and combustible materials. Keep away from rust, iron and copper. Keep container tightly closed and sealed until ready for use. Prevent product contamination. Containers that have been opened must be carefully resealed ark kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 | rom ding cing o |
| Date of issue | | : 27.06.2022 | 4/10 |

Section 7. Handling and storage

incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

| Ingredient name | | Exposure limits |
|--|--|--|
| methyl ethyl ketone peroxide butanone | | Workplace Safety and Health Act (Singapore, 2/2006). PEL (short term): 1.5 mg/m ³ 15 minutes. PEL (short term): 0.2 ppm 15 minutes. Workplace Safety and Health Act (Singapore, 2/2006). PEL (long term): 200 ppm 8 hours. |
| Hydrogen peroxide solution | | PEL (long term): 590 mg/m³ 8 hours. PEL (short term): 885 mg/m³ 15 minutes. PEL (short term): 300 ppm 15 minutes. Workplace Safety and Health Act (Singapore, 2/2006). PEL (long term): 1 ppm 8 hours. PEL (long term): 1.4 mg/m³ 8 hours. |
| Appropriate engineering controls | ventilation or other engineerin contaminants below any reco also need to keep gas, vapou | ation. Use process enclosures, local exhaust og controls to keep worker exposure to airborne mmended or statutory limits. The engineering controls r or dust concentrations below any lower explosive entilation equipment. Use with adequate ventilation. |
| Environmental exposure controls | they comply with the requirem cases, fume scrubbers, filters | work process equipment should be checked to ensure nents of environmental protection legislation. In some or engineering modifications to the process to reduce emissions to acceptable levels. |
| Individual protection measur | <u>es</u> | |
| Hygiene measures | eating, smoking and using the Appropriate techniques should | ace thoroughly after handling chemical products, before e lavatory and at the end of the working period. d be used to remove potentially contaminated clothing. before reusing. Ensure that eyewash stations and ne workstation location. |
| Eye/face protection | indicates this is necessary to dusts. If contact is possible, t assessment indicates a higher | EN 166 should be used when a risk assessment avoid exposure to liquid splashes, mists, gases or the following protection should be worn, unless the er degree of protection: chemical splash goggles and/ azards exist, a full-face respirator may be required |
| Skin protection | | |
| Hand protection | resistance to any individual or The breakthrough time must l The instructions and informat storage, maintenance and rep Gloves should be replaced re material. Always ensure that gloves are correctly. The performance or effective chemical damage and poor m | be greater than the end use time of the product. ion provided by the glove manufacturer on use, olacement must be followed. gularly and if there is any sign of damage to the glove e free from defects and that they are stored and used mess of the glove may be reduced by physical/ naintenance. rotect the exposed areas of the skin but should not be |

Section 8. Exposure controls/personal protection

| | Wear suitable gloves tested to EN374. Recommended, gloves(breakthrough time) > 8 hours: nitrile rubber, butyl rubber, Viton®, PE, CPF 3, Responder, Tychem 10000, 4H May be used, gloves(breakthrough time) 4 - 8 hours: PVC, neoprene Not recommended, gloves(breakthrough time) < 1 hour: polyvinyl alcohol (PVA) |
|------------------------|---|
| | For right choice of glove materials, with focus on chemical resistance and time of penetration, seek advice by the supplier of chemical resistant gloves. |
| | The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment. |
| Body protection | Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. |
| 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 be approved by a specialist before handling this product. |
| Respiratory protection | : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. |

Section 9. Physical and chemical properties

| Appearance | | |
|--|---|---------|
| Physical state | _iquid. | |
| Colour | Clear. | |
| Odour | Characteristic. | |
| Odour threshold | Not available. | |
| рН | Not applicable. | |
| Melting point | Not applicable. | |
| Boiling point | _owest known value: 79.59°C (175.3°F) (butanone). Weighted average: 264.2 (507.6°F) | 2°C |
| Flash point | Closed cup: 75°C (167°F) | |
| Burning time | Not applicable. | |
| Burning rate | Not applicable. | |
| Evaporation rate | Highest known value: 7.12 (butanone) Weighted average: 0.34compared with acetate | ı butyl |
| Flammability (solid, gas) | Not applicable. | |
| Lower and upper explosive (flammable) limits | 0.9 - 11.5% | |
| Vapour pressure | Highest known value: 10.5 kPa (78.8 mm Hg) (at 20°C) (butanone). Weighteo average: 0.37 kPa (2.78 mm Hg) (at 20°C) | t |
| Vapour density | Highest known value: 6.69 (Air = 1) (dimethyl phthalate). Weighted average: (Air = 1) | 6.28 |
| Relative density | 1.16 g/cm³ | |
| Solubility | nsoluble in the following materials: cold water and hot water. | |
| Solubility in water | Not available. | |
| Partition coefficient: n- octanol/water | Not available. | |
| Auto-ignition temperature | _owest known value: 404°C (759.2°F) (butanone). | |
| Decomposition temperature | Not available. | |
| SADT | Not available. | |
| Viscosity | Dynamic: Highest known value: 17.2 cP (dimethyl phthalate) Weighted averag 15.67 cP Kinematic (40C): >20.5 cSt | ge: |
| | | |

Section 10. Stability and reactivity

| Reactivity | This product, in laboratory testing, either detonates partially, deflagrates slowly or shows a medium effect when heated under confinement. |
|---------------------------------------|--|
| Chemical stability | : The product is stable. |
| Possibility of hazardous reactions | Hazardous reactions or instability may occur under certain conditions of storage or use. Conditions may include the following: temperature increase high temperature Reactions may include the following: hazardous decomposition risk of causing fire |
| Conditions to avoid | : Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Avoid increased storage temperature. Drying on clothing or other combustible materials may cause fire. |
| Incompatible materials | : Keep away from rust, iron and copper. Contact with incompatible materials, such as acids, alkalis, heavy metal compounds and reducing agents, will result in hazardous decomposition. Do not mix with peroxide accelerators. |
| Hazardous decomposition products | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SADT | : Not available. |

Section 11. Toxicological information

Information on toxicological effects

| Acute toxicity | _ | | | | |
|----------------|-----|-----|------|----|----|
| ACUIE IOXICIIV | A ~ | | +0 V | 10 | 4 |
| | AC | ule | LUX | | LV |

| Product/ingredient name | Result | Species | Dose | Exposure |
|---------------------------------------|--------------------------|---------------|-------------------------|----------|
| methyl ethyl ketone peroxide butanone | LD50 Oral LD50 Dermal | Rat Rabbit | 470 mg/kg 6480 mg/kg | - |

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation | |
|----------------------------|--------------------------|------------------------------------|----------|----------------------------|-------------|--|
| butanone | Skin - Mild irritant | Rabbit | Rabbit - | | - | |
| | Skin - Moderate irritant | Rabbit | - | 24 hours 500 milligrams | - | |
| | Eyes - Mild irritant | Mammal - species unspecified | - | - | - | |
| Hydrogen peroxide solution | Eyes - Severe irritant | Rabbit | - | 1 milligrams | - | |

Sensitisation

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

| Name | | Route of exposure | Target organs |
|----------|------------|----------------------|------------------|
| butanone | Category 3 | - | Narcotic effects |

Section 11. Toxicological information

| | 9.000 | |
|---|---|----------------------------|
| Specific target organ toxicit Not available. | <u>y (repeated exposure)</u> | |
| Aspiration hazard Not available. | | |
| Information on likely routes of exposure | : Not available. | |
| Potential acute health effects | <u>i</u> | |
| Eye contact | : Causes serious eye damage. | |
| Inhalation | : Harmful if inhaled. | |
| Skin contact | : Causes severe burns. | |
| Ingestion | : Harmful if swallowed. | |
| Symptoms related to the phy | sical, chemical and toxicological cha | |
| Eye contact | : Adverse symptoms may include the pain watering redness | following: |
| Inhalation | : No specific data. | |
| Skin contact | : Adverse symptoms may include the pain or irritation redness blistering may occur | following: |
| Ingestion | : Adverse symptoms may include the stomach pains | following: |
| Delayed and immediate effect | ts as well as chronic effects from she | ort and long-term exposure |
| <u>Short term exposure</u> | | |
| Potential immediate effects | : Not available. | |
| Potential delayed effects | : Not available. | |
| Long term exposure | | |
| Potential immediate effects | : Not available. | |
| Potential delayed effects | : Not available. | |
| Potential chronic health effe | <u>ects</u> | |
| Not available. | | |
| General | : No known significant effects or critic | cal hazards. |
| Carcinogenicity | : No known significant effects or critic | cal hazards. |
| Mutagenicity | : No known significant effects or critic | al hazards. |
| Teratogenicity | : No known significant effects or critic | cal hazards. |
| Developmental effects | : No known significant effects or critic | al hazards. |
| Fertility effects | : No known significant effects or critic | al hazards. |
| Numerical measures of toxic | <u>ity</u> | |
| Acute toxicity estimates | | |
| Route | | ATE value |
| Oral Inhalation (vapours) | | 1264.94 mg/kg 11 mg/l |
| | | |

Section 12. Ecological information

Toxicity

| Product/ingredient name | Result | Species | Exposure |
|----------------------------|--|--|---------------------|
| butanone | Acute EC50 500000 µg/l Marine water | Algae - Skeletonema costatum | 96 hours |
| | Acute LC50 530 mg/l Fresh water | Fish - Lepomis macrochirus | 96 hours |
| Hydrogen peroxide solution | Acute EC50 1.2 mg/l Marine water | Algae - Dunaliella tertiolecta - Exponential growth phase | 72 hours |
| | Acute EC50 5.38 mg/l Fresh water | Algae - Pseudokirchneriella subcapitata | 96 hours |
| | Acute EC50 2320 µg/l Fresh water | Daphnia - Daphnia magna - Neonate | 48 hours |
| | Acute LC50 30 mg/l Fresh water Chronic NOEC 989.7 ppm Fresh water | Fish - Siluriformes - Fingerling Fish - Oncorhynchus tshawytscha - Egg | 96 hours 43 days |

Persistence/degradability

Not available.

Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|------------------------------|--------|-----|-----------|
| methyl ethyl ketone peroxide | <0.3 | - | low |
| butanone | 0.3 | - | low |
| Hydrogen peroxide solution | -1.36 | - | low |

Mobility in soil

| Soil/water partition coefficient (Koc) | : Not available. |
|---|---|
| Other adverse effects | : No known significant effects or critical hazards. |
| | |

Section 13. Disposal considerations

 Disposal methods
 The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Do not allow to enter drains or watercourses. Material and/or container must be disposed of as hazardous waste.

Section 14. Transport information

| | UN | IMDG | ΙΑΤΑ |
|-------------------------------|---|---|--|
| UN number | UN3105 | UN3105 | UN3105 |
| UN proper shipping name | Organic peroxide type D, liquid (methyl ethyl ketone peroxide) | Organic peroxide type D, liquid (methyl ethyl ketone peroxide) | Organic peroxide type D, liquid (methyl ethyl ketone peroxide) |
| Transport hazard class(es) | 5.2 | 5.2 | 5.2 |
| Packing group | - | - | - |
| Date of issue | : 27.06.2022 | | 9/10 |

Section 14. Transport information

| Environmental hazards | No. | No. | No. |
|--------------------------|-----|---|-----|
| Additional information | - | <u>Emergency schedules</u> F-J, S- R | - |

Additional information

Transport in accordance with ADR/RID, IMDG/IMO and ICAO/IATA and national regulation.

| ADR / RID | 1 | Tunnel restriction code: (D) Hazard identification number: 539 |
|--|---|---|
| Special precautions for user | - | 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 or spillage. |
| Transport in bulk according to IMO instruments | 1 | Not available. |

Section 15. Regulatory information

Singapore - hazardous chemicals under government control

| Ingredient name | Status |
|-------------------|--------|
| Organic peroxides | Listed |

Section 16. Other information

| Key to abbreviations | : ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Air Transport Association IBC = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations |
|----------------------|--|
| References | : Not available. |

✓ Indicates information that has changed from previously issued version.

Notice to reader

The information in this document is given to the best of Jotun's knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.