SAFETY DATA SHEET

Date of issue : 22 January 2024 Version : 5.01



Section 1. Identification

| Product code | : 700000/20L |
|--|---|
| Product name | : FLOOD PENETROL |
| Product type | : Liquid. |
| Recommended use and res | trictions |
| Use of the substance/ mixture | : Coating. |
| Uses advised against | : Not applicable. |
| Supplier's details | : PPG INDUSTRIES NEW ZEALAND LTD 5 MONAHAN ROAD, MT WELLINGTON, AUCKLAND www.ppgnz.co.nz Telephone Numbers: 09 573 1620, 0800 659378 021 940 920 (24 Hours) |
| Emergency telephone number (with hours of operation) | : New Zealand 0800 000 096 (24 hours) / Australia 1800 883 254 (24 hours) For international shipping emergencies: 1-412-391-1618 |
| e-mail address of person responsible for this SDS | : ehsnz@ppg.com |

Section 2. Hazards identification

| : FLAMMABLE LIQUIDS - Category 3 |
|---|
| SKIN SENSITISATION - Category 1 |
| CARCINOGENICITY - Category 2 |
| REPRODUCTIVE TOXICITY - Category 1 |
| SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 2 |
| SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2 |
| ASPIRATION HAZARD - Category 1 |
| LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2 |
| |
| |
| $\langle \mathcal{W} \rangle \langle \mathcal{A} \rangle \langle \mathcal{V} \rangle \langle \mathcal{H}_2 \rangle$ |
| |
| |
| |
| |
| : Danger |
| |
| |

Product name FLOOD PENETROL

Section 2. Hazards identification

| Hazard statements | : | Flammable liquid and vapour. May be fatal if swallowed and enters airways. May cause an allergic skin reaction. Suspected of causing cancer. May damage fertility or the unborn child. May cause damage to organs. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects. |
|---|--|---|
| Precautionary statements | | |
| Prevention | : | Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment. Do not breathe vapour. |
| Response | : Collect spillage. IF exposed or concerned: Call a POISON CENTER or SWALLOWED: Immediately call a POISON CENTER or doctor. Do NO vomiting. Take off contaminated clothing and wash it before reuse. IF Wash with plenty of water. If skin irritation or rash occurs: Get medical attention. | |
| Storage | : | Not applicable. |
| Disposal | 1 | Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Other hazards which do not result in classification | 1 | Prolonged or repeated contact may dry skin and cause irritation. |

This material is classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017 and has been classified according to the Hazardous Substances (Classifications) Notice 2017.

This material is classified as DANGEROUS GOODS according to criteria in New Zealand Land Transport Rule: Dangerous Goods 2005.

Section 3. Composition/information on ingredients

| Substance/mixture | 1 | Mixture |
|------------------------------|---|------------|
| CAS number/other identifiers | | |
| Product code | ÷ | 700000/20L |

| Hazardous ingredients | % | CAS number |
|--|--|--|
| ydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics xylene 2-butanone oxime ethylbenzene 2-ethylhexanoic acid, zirconium salt | 30 - 60 1 - <10 <1 <1 <1 <1 | 64742-48-9 1330-20-7 96-29-7 100-41-4 22464-99-9 |

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 or have an OEL and hence require reporting in this section.

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

Section 4. First aid measures

| Description of necessary fir | rst aid measures |
|-------------------------------|---|
| Eye contact | Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice. |
| Inhalation | Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. |
| Skin contact | Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners. |
| Ingestion | If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting. |
| Most important symptoms/e | effects, acute and delayed |
| Potential acute health effe | <u>cts</u> |
| Eye contact | : No known significant effects or critical hazards. |
| Inhalation | : No known significant effects or critical hazards. |
| Skin contact | : May cause damage to organs following a single exposure in contact with skin. Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction. |
| Ingestion | : May cause damage to organs following a single exposure if swallowed. May be fatal if swallowed and enters airways. |
| Over-exposure signs/symp | <u>otoms</u> |
| Eyes | : No specific data. |
| Inhalation | : Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations |
| Skin | : Adverse symptoms may include the following: irritation redness dryness cracking reduced foetal weight increase in foetal deaths skeletal malformations |
| Ingestion | : Adverse symptoms may include the following: nausea or vomiting reduced foetal weight increase in foetal deaths skeletal malformations |
| Indication of immediate mee | dical attention and special treatment needed, if necessary |
| Specific treatments | : Not available. |
| Notes to physician | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| 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 information | on (Section 11) |

Section 5. Firefighting measures

| Extinguishing media | | |
|--|--|----|
| Suitable | Use dry chemical, CO ₂ , water spray (fog) or foam. | |
| Not suitable | Do not use water jet. | |
| Specific hazards arising from the chemical | 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, w the risk of a subsequent explosion. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. | |
| Hazardous thermal decomposition products | Decomposition products may include the following materials: carbon oxides | |
| Special precautions for fire- fighters | Promptly isolate the scene by removing all persons from the vicinity of the incident 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. | if |
| 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, protective equipment and emergency procedures | : 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). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage. | | |
| Methods and material for co | ntainment and cleaning up | | |
| Small spill | : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. 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 (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. Handlin | ng and storage | | |

Precautions for safe
handling: Put on appropriate personal protective equipment (see Section 8). Persons with a
history of skin sensitization problems should not be employed in any process in
which this product is used. Avoid exposure - obtain special instructions before use.
Avoid exposure during pregnancy. Do not handle until all safety precautions have
been read and understood. Do not get in eyes or on skin or clothing. Do not
breathe vapour or mist. Do not swallow. Avoid release to the environment. Use
only with adequate ventilation. Wear appropriate respirator when ventilation is

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Product name FLOOD PENETROL

Section 7. Handling and storage

| | 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 from heat, sparks, open flame or any other ignition source. Use explosion-proof electric (ventilating, lighting and material handling) equipment. Use only non-sparking tools Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container. | al |
|--|---|----|
| Conditions for safe storage, including any incompatibilities | Do not store above the following temperature: 50°C (122°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, awa from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. | |

Section 8. Exposure controls/personal protection

Control parameters

| Ingredient name | Ex | cposure limits | | |
|-------------------------------------|--|---|--|--|
| ethylbenzene | | HSWA 2015 - HSW (GRWM) 2016. Workplace exposure standards (WES) (New Zealand, 4/2022). [xylene (o-, m-, p- isomers)] WES-TWA: 217 mg/m ³ 8 hours. WES-TWA: 50 ppm 8 hours. HSWA 2015 - HSW (GRWM) 2016. Workplace exposure standards (WES) (New Zealand, 4/2022). Absorbed through skin. WES-STEL: 176 mg/m ³ 15 minutes. WES-STEL: 40 ppm 15 minutes. WES-TWA: 88 mg/m ³ 8 hours. WES-TWA: 20 ppm 8 hours. | | |
| Recommended monitoring procedures | : Reference should be made to appropriate national guidance documents for methods substances will also be required. | | | |
| Appropriate engineering controls | Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. | | | |
| Environmental exposure controls | : Emissions from ventilation or work proces they comply with the requirements of envi- cases, fume scrubbers, filters or engineer equipment will be necessary to reduce en | rironmental protection legislation. In some ring modifications to the process | | |
| ndividual protection measur | | | | |

Product name FLOOD PENETROL

Section 8. Exposure controls/personal protection

| 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 period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. |
|------------------------|---|
| Respiratory protection | : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. |
| Hand protection | : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. |
| Gloves | : butyl rubber |
| Eye protection | : Safety glasses with side shields. |
| 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. |

Section 9. Physical and chemical properties

| <u>Appearance</u> | | | | | |
|--|---|--------------------|-------------|-------------|------------|
| Physical state | 1 | Liquid. | | | |
| Colour | 1 | Light straw. | | | |
| Odour | : | Not available. | | | |
| Odour threshold | 1 | Not available. | | | |
| рН | 1 | Not applicable. | | | |
| Melting point | 1 | Not available. | | | |
| Boiling point | : | 136°C (276.8°F) | | | |
| Flash point | 1 | Closed cup: 57.5°C | (135.5°F) | | |
| Flammability (solid, gas) | 1 | Not available. | | | |
| Lower and upper explosive (flammable) limits | 1 | Not available. | | | |
| Vapour pressure | : | Not available. | | | |
| Relative density | : | 0.86 | | | |
| Solubility(icc) | | Media | Result | | |
| Solubility(ies) | ÷ | cold water | Not soluble | | |
| Partition coefficient: n- octanol/water | : | Not applicable. | | | |
| Auto-ignition temperature | : | Not available. | | | |
| Decomposition temperature | 1 | Not available. | | | |
| | | | | New Zeelend | Daway 6/40 |

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Section 9. Physical and chemical properties

Viscosity

: Kinematic (40°C (104°F)): <14 mm²/s (<14 cSt)

Section 10. Stability and reactivity

| Stability | : Stable under recommended storage and handling conditions (see Section 7). |
|---|--|
| Possibility of hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will not occur. |
| 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. |
| Incompatible materials | : Reactive or incompatible with the following materials: oxidising materials strong acids strong alkalis |
| Hazardous decomposition products Hazardous polymerisation | Depending on conditions, decomposition products may include the following materials: carbon oxides Under normal conditions of storage and use, hazardous polymerisation will not occur. |

Section 11. Toxicological information

Information on likely routes of exposure

| information on likely | Toutes of exposure |
|-----------------------|---|
| Inhalation | : No known significant effects or critical hazards. |
| Ingestion | : May cause damage to organs following a single exposure if swallowed. May be fatal if swallowed and enters airways. |
| Skin contact | May cause damage to organs following a single exposure in contact with skin. Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction. |
| Eye contact | : No known significant effects or critical hazards. |
| Symptoms related to | the physical, chemical and toxicological characteristics |
| Inhalation | : Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations |
| Ingestion | : Adverse symptoms may include the following: nausea or vomiting reduced foetal weight increase in foetal deaths skeletal malformations |
| Skin contact | : Adverse symptoms may include the following: irritation redness dryness cracking reduced foetal weight increase in foetal deaths skeletal malformations |
| Eye contact | : No specific data. |
| Delayed and immedia | ate effects as well as chronic effects from short and long-term exposure |
| Acute toxicity | |

Section 11. Toxicological information

| Product/ingredient name | Result | Species | Dose | Exposure |
|--|------------------------|---------|-------------|----------|
| Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics | LD50 Dermal | Rabbit | >5000 mg/kg | - |
| | LD50 Oral | Rat | >6 g/kg | - |
| xylene | LD50 Dermal | Rabbit | 1.7 g/kg | - |
| - | LD50 Oral | Rat | 4.3 g/kg | - |
| 2-butanone oxime | LD50 Dermal | Rabbit | 1100 mg/kg | - |
| | LD50 Oral | Rat | 100 mg/kg | - |
| ethylbenzene | LC50 Inhalation Vapour | Rat | 17.8 mg/l | 4 hours |
| | LD50 Dermal | Rabbit | 17.8 g/kg | - |
| | LD50 Oral | Rat | 3.5 g/kg | - |
| 2-ethylhexanoic acid, | LD50 Dermal | Rabbit | >5 g/kg | - |
| zirconium salt | | | | |
| | LD50 Oral | Rat | >5 g/kg | - |

Conclusion/Summary : There are no data available on the mixture itself.

Irritation/Corrosion

| Product/ingredient name | Result | | Species | Score | Exposure | Observation |
|------------------------------|-----------------------------|----------------------------|-------------------|--------------------------------|---|----------------|
| x ylene | Skin - Modera | te irritant | Rabbit | - | 24 hours 500 mg | - |
| Conclusion/Summary | | | | | | |
| Skin | : There are n | o data availa | able on the mi | xture itself. | | |
| Eyes | : There are n | o data availa | able on the mi | xture itself. | | |
| Respiratory | : There are n | o data availa | able on the mi | xture itself. | | |
| Sensitisation | | | | | | |
| Conclusion/Summary | | | | | | |
| Skin | : There are n | o data availa | able on the mi | xture itself. | | |
| Respiratory | : There are n | o data availa | able on the mi | xture itself. | | |
| Potential chronic health eff | ects | | | | | |
| General | or repeated dermatitis. | contact can Once sensit | defat the skin | and lead to i allergic reac | r repeated expos rritation, cracking tion may occur w | and/or |
| Skin contact | : Once sensi to very low | | ere allergic rea | ction may oc | cur when subsequ | uently exposed |
| Carcinogenicity | : Suspected exposure. | of causing c | ancer. Risk of | cancer depe | nds on duration a | and level of |
| Mutagenicity | : No known s | ignificant eff | fects or critical | hazards. | | |
| Teratogenicity | : May damag | e the unborr | n child. | | | |
| Developmental effects | : No known s | ignificant eff | fects or critical | hazards. | | |
| Fertility effects | : Suspected | of damaging | fertility. | | | |
| Chronic toxicity | | | | | | |
| Not available. | | | | | | |
| Carcinogenicity | | | | | | |
| Conclusion/Summary | : There are n | o data availa | able on the mi | xture itself. | | |
| Mutagenicity | | | | | | |
| | | | | | New Zealand | Page: 8/12 |

Section 11. Toxicological information

| Conclusion/Summary | : There are no data available on the mixture itself. |
|--------------------------------|--|
| Teratogenicity | |
| Conclusion/Summary | : There are no data available on the mixture itself. |
| Reproductive toxicity | |
| Conclusion/Summary | : There are no data available on the mixture itself. |
| Specific target organ toxicity | |

| Name | | Route of exposure | Target organs |
|------------------|------------|-------------------|---------------|
| xylene | Category 2 | - | - |
| 2-butanone oxime | Category 2 | - | - |
| ethylbenzene | Category 2 | inhalation | - |

Aspiration hazard

| Name | |
|---|--|
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | |

Numerical measures of toxicity

Acute toxicity estimates

| Route | ATE value |
|--------|----------------|
| Oral | 27330.9 mg/kg |
| Dermal | 90273.81 mg/kg |

Other information

Prolonged or repeated contact may dry skin and cause irritation. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapour/ aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Avoid contact with skin and clothing.

Section 12. Ecological information

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Ecotoxicity

: This material is toxic to aquatic life with long lasting effects.

Aquatic and terrestrial toxicity

| Product/ingredient name | Result | Species | Exposure |
|---|--|---|---------------|
| ethylbenzene | Acute EC50 1.8 mg/l Fresh water Chronic NOEC 1 mg/l Fresh water | Daphnia Daphnia - Ceriodaphnia dubia | 48 hours - |
| 2-ethylhexanoic acid, zirconium salt | Acute LC50 >100 mg/l | Fish | 96 hours |

Persistence/degradability

| Product/ingredient name | Test | Result | | Dose | Inoculum |
|-------------------------|-------------------|---------------------|------------|------|--------------------|
| ethylbenzene | - | 79 % - Readily - 10 | days | - | - |
| Product/ingredient name | Aquatic half-life | | Photolysis | S | Biodegradability |
| xylene ethylbenzene | - | | - | | Readily Readily |

Bioaccumulative potential

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Section 12. Ecological information

| Product/ingredient name | LogPow | BCF | Potential |
|-------------------------|--------|-------------|-----------|
| x ylene | 3.12 | 7.4 to 18.5 | Low |
| 2-butanone oxime | 0.63 | 5.01 | Low |
| ethylbenzene | 3.6 | 79.43 | Low |

Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

Other adverse effects : No known s

: No known significant effects or critical hazards.

Do not allow to enter drains or watercourses.

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. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. 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.

Not suitable:

: Do not allow to enter drains or watercourses.

The classification of the product may meet the criteria for a hazardous waste. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

| | NZ | IMDG | ΙΑΤΑ |
|----------------------------|-----------|--------|--------|
| UN number | UN1263 | UN1263 | UN1263 |
| UN proper shipping name | PAINT | PAINT | PAINT |
| Transport hazard class(es) | 3 | 3 | 3 |
| | TANKATE I | | |
| Packing group | III | | |
| Environmental | No. | No. | No. |

| Product code 7 Product name F | 00000/20L LOOD PENETROL | Date of issue 22 January 2024 Version 5.01 | | | |
|----------------------------------|----------------------------|--|-----------------|--|--|
| 14. Transport information | | | | | |
| Marine pollutan substances | t Not applicable. | Not applicable. | Not applicable. | | |
| Additional inform | nation | | | | |
| NZ | : None identified. | | | | |
| Hazchem code | : •3Y | | | | |
| IMDG | : None identified. | | | | |
| ΙΑΤΑ | : None identified. | | | | |
| Special precauti | upright and secu | in user's premises: always transpo ure. Ensure that persons transportin accident or spillage. | | | |
| - | | | | | |

Transport in bulk according : Not applicable. to IMO instruments

Section 15. Regulatory information

| New Zealand Inventory of Chemicals (NZIoC) | : All components are listed or exempted. | | | | | |
|--|---|--|--|--|--|--|
| HSNO Approval Number | : HSR002669 Flammable, Toxic [6.7] | | | | | |
| Emergency Management Regulations | : Level 1: Labelling required when 1L is present in a workplace. | | | | | |
| | Level 2: MSDS required when any amount is present in a workplace. At least 2 x 4.5 kg powder fire extinguishers required when 500L is present in a workplace. | | | | | |
| | Level 3: Emergency Response Plans and Secondary Containment required when 1000L is stored. | | | | | |
| | Flammable Signage required when 1000L is present in a workplace. | | | | | |
| Classes 1 to 5 Control Regulations | Hazardous Atmosphere Zones required for quantities greater than: 100L (closed), 25L (decanting), 5L (open occasionally), 1L (open continuously). Hazardous Substances Location Certificate required for quantities greater than: 1500L (containers up to 5L), 500L (containers >5L), 250L (open containers). | | | | | |
| Approved Handler | : Not applicable. | | | | | |
| International regulations | | | | | | |
| Chemical Weapon Convent | ion List Schedules I, II & III Chemicals | | | | | |
| Not listed. | | | | | | |
| Montreal Protocol | | | | | | |
| Not listed. | | | | | | |
| Stockholm Convention on I Not listed. | Persistent Organic Pollutants | | | | | |
| Rotterdam Convention on I | Prior Informed Consent (PIC) | | | | | |
| Not listed. | | | | | | |
| UNECE Aarhus Protocol on POPs and Heavy Metals | | | | | | |
| Not listed. | | | | | | |
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Product name FLOOD PENETROL

Section 15. Regulatory information

Section 16. Other information

| Date of issue Date of previous issue | | 22 January 2024 7/23/2023 | | | |
|--|---|---|--|--|--|
| ✓ Indicates information that has changed from previously issued version. | | | | | |
| Key to abbreviations | : | STEL = Short Term Exposure Limit TWA = Time-Weighted Average WES = Work Exposure Standard | | | |
| References | : | Not available. | | | |
| Organisation that prepared the SDS | 1 | EHS | | | |

Disclaimer

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.