

Issuing Date 24-May-2015

Revision Date 15-Jun-2015

Revision Number 1

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Code(s) 400423, 400422, 800016, 800019

Product Name PSR-4000 AUS5, PSR-4000 HRS, PSR-4000 CC200HRS Gloss, PSR-4000 CC200HRS Satin

Contains Quartz, Naphtha (petroleum), heavy aromatic, 1-Propanone, 2-methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-, Naphthalene

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

Recommended Use Solder mask part A

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Company

Taiyo America, Inc.
2675 Antler Drive
Carson City, NV 89701
TEL: 775-885-9959

For further information, please contact

E-mail Address No information available.

1.4. Emergency telephone number

Emergency Telephone Number 775-885-9959

| | |
|--------|-----|
| Europe | 112 |
|--------|-----|

Section 2. Hazards identification

2.1. - Classification of the substance or mixture

REGULATION (EC) No 1272/2008

| | |
|--------------------------|-------------|
| Reproductive Toxicity | Category 1B |
| Chronic Aquatic Toxicity | Category 2 |

Physical Hazards

None

2.2. Label Elements



Signal Word

Danger

Hazard Statements

H360 - May damage fertility or the unborn child
 H411 - Toxic to aquatic life with long lasting effects
 EUH210 - Safety data sheet available on request

Precautionary Statements

P201 - Obtain special instructions before use
 P281 - Use personal protective equipment as required
 P308 + P313 - IF exposed or concerned: Get medical advice/ attention
 P273 - Avoid release to the environment
 P391 - Collect spillage
 P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other information

Section 3. Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Chemical Name | EC-No | CAS-No | Weight % | EU - GHS Substance Classification | REACH No. |
|---|-----------|------------|----------|---|-------------------|
| Barium sulfate | Present | 7727-43-7 | 7-13 | | No data available |
| Naphtha (petroleum), heavy aromatic | Present | 64742-94-5 | 10-30 | Asp. Tox. 1 (H304) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) | No data available |
| Dipropylene glycol monomethyl ether | Present | 34590-94-8 | 1-10 | | No data available |
| Quartz | Present | 14808-60-7 | 1-10 | STOT RE 2 (H373) | No data available |
| 1-Propanone, 2-methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)- | Present | 71868-10-5 | 5-10 | Repr. 1B H360FD Acute Tox. 4 (H302) Aquatic Chronic 2 (H411) | No data available |
| Talc | 238-877-9 | 14807-96-6 | 1-5 | | No data available |
| Silicon dioxide | Present | 7631-86-9 | 0-5 | | No data available |
| Propylene glycol monomethyl ether acetate | 203-603-9 | 108-65-6 | 0-1.5 | Flam. Liq. 3 (H226) | No data available |
| Naphthalene | Present | 91-20-3 | <1 | Acute Tox. 4 (H302) Carc. 2 (H351) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) | No data available |

For the full text of the H-Statements mentioned in this Section, see Section 16

Section 4. First aid measures

4.1. Description of first-aid measures

General Advice

If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.

Eye Contact

Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing. If symptoms persist, call a physician.

| | |
|-----------------------------------|---|
| Skin Contact | Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Consult a physician if necessary. |
| Ingestion | Do NOT induce vomiting. Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. |
| Inhalation | Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician. |
| Protection of First-aiders | Use personal protective equipment. |

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

Most Important Symptoms/Effects No information available.

4.3. Indication of immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

Section 5. Fire-fighting measures

5.1. Extinguishing media

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO₂). Dry chemical. Dry powder.

Extinguishing media which must not be used for safety reasons

No information available.

5.2. Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Combustible material. Vapors may travel to source of ignition and flash back.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Keep people away from and upwind of spill/leak. Remove all sources of ignition. Evacuate personnel to safe areas. Pay attention to flashback. Take precautionary measures against static discharges. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

Use personal protective equipment. Dam up. Take up with sand or other noncombustible absorbent material and place into containers for later disposal. Clean contaminated surface thoroughly.

6.4. Reference to other sections

See Section 12 for additional information.

Section 7. Handling and storage

7.1. Precautions for Safe Handling

Handling

Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Do not breathe vapors or spray mist. Use only in area provided with appropriate exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Keep away from heat, sparks and open flame. No smoking. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Do not take internally.

Hygiene Measures

When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing. Wash hands before breaks and immediately after handling the product. Keep away from food, drink and animal feeding stuffs. Wash thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Keep out of the reach of children. Keep away from heat and sources of ignition. Keep in properly labeled containers. Keep containers tightly closed in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

Exposure Scenario

No information available.

Other Guidelines

No information available.

Section 8. Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

| Chemical Name | EU | The United Kingdom | France | Spain | Germany |
|---|---|---|---|---|--|
| Barium sulfate 7727-43-7 | | STEL: 30 mg/m ³ STEL: 12 mg/m ³ TWA: 10 mg/m ³ TWA: 4 mg/m ³ | | TWA: 10 mg/m ³ | TWA: 4 mg/m ³ TWA: 1.5 mg/m ³ Ceiling / Peak: 4 mg/m ³ |
| Dipropylene glycol monomethyl ether 34590-94-8 | S* TWA 50 ppm TWA 308 mg/m ³ | STEL: 150 ppm STEL: 924 mg/m ³ TWA: 50 ppm TWA: 308 mg/m ³ Skin | TWA: 50 ppm TWA: 308 mg/m ³ | S* TWA: 50 ppm TWA: 308 mg/m ³ | TWA: 50 ppm TWA: 310 mg/m ³ Ceiling / Peak: 50 ppm Ceiling / Peak: 310 mg/m ³ |
| Quartz 14808-60-7 | | STEL: 0.3 mg/m ³ TWA: 0.1 mg/m ³ | TWA: 0.1 mg/m ³ | TWA: 0.1 mg/m ³ | |
| Talc 14807-96-6 | | STEL: 3 mg/m ³ TWA: 1 mg/m ³ | | TWA: 2 mg/m ³ | |
| Silicon dioxide 7631-86-9 | | STEL: 18 mg/m ³ STEL: 7.2 mg/m ³ TWA: 6 mg/m ³ TWA: 2.4 mg/m ³ | | | TWA: 4 mg/m ³ |
| Propylene glycol monomethyl ether acetate 108-65-6 | S* TWA 50 ppm TWA 275 mg/m ³ STEL 100 ppm STEL 550 mg/m ³ | STEL: 100 ppm STEL: 548 mg/m ³ TWA: 50 ppm TWA: 274 mg/m ³ Skin | TWA: 50 ppm TWA: 275 mg/m ³ STEL: 100 ppm STEL: 550 mg/m ³ | S* STEL: 100 ppm STEL: 550 mg/m ³ TWA: 50 ppm TWA: 275 mg/m ³ | TWA: 50 ppm TWA: 270 mg/m ³ Ceiling / Peak: 50 ppm Ceiling / Peak: 270 mg/m ³ |
| Naphthalene 91-20-3 | TWA 10 ppm TWA 50 mg/m ³ | | TWA: 10 ppm TWA: 50 mg/m ³ | S* STEL: 15 ppm STEL: 80 mg/m ³ TWA: 10 ppm TWA: 53 mg/m ³ | Skin TWA: 0.1 ppm TWA: 0.5 mg/m ³ |
| Component | Italy | Portugal | The Netherlands | Finland | Denmark |

| | | | | | |
|---|---|--|--|--|---|
| Barium sulfate 7727-43-7 (7-13) | | TWA: 10 mg/m ³ | | | |
| Dipropylene glycol monomethyl ether 34590-94-8 (1-10) | TWA: 50 ppm TWA: 308 mg/m ³ Skin | STEL: 150 ppm TWA: 100 ppm | TWA: 300 mg/m ³ | TWA: 50 ppm TWA: 310 mg/m ³ Skin | TWA: 50 ppm TWA: 309 mg/m ³ Skin |
| Quartz 14808-60-7 (1-10) | | TWA: 0.025 mg/m ³ | TWA: 0.075 mg/m ³ | TWA: 0.05 mg/m ³ | TWA: 0.3 mg/m ³ TWA: 0.1 mg/m ³ |
| Talc 14807-96-6 (1-5) | | TWA: 2 mg/m ³ | TWA: 0.25 mg/m ³ | TWA: 0.5 fiber/cm ³ TWA: 5 mg/m ³ | TWA: 0.3 fiber/cm ³ |
| Silicon dioxide 7631-86-9 (0-5) | | | | TWA: 5 mg/m ³ | |
| Propylene glycol monomethyl ether acetate 108-65-6 (0-1.5) | TWA: 50 ppm TWA: 275 mg/m ³ STEL: 100 ppm STEL: 550 mg/m ³ Skin | | TWA: 550 mg/m ³ | TWA: 50 ppm TWA: 270 mg/m ³ STEL: 100 ppm STEL: 550 mg/m ³ Skin | TWA: 50 ppm TWA: 275 mg/m ³ Skin |
| Naphthalene 91-20-3 (<1) | | STEL: 15 ppm TWA: 10 ppm TWA: 50 mg/m ³ | Skin STEL: 80 mg/m ³ TWA: 50 mg/m ³ | TWA: 1 ppm TWA: 5 mg/m ³ STEL: 2 ppm STEL: 10 mg/m ³ | TWA: 10 ppm TWA: 50 mg/m ³ |
| Chemical Name | Austria | Switzerland | Poland | Norway | Ireland |
| Barium sulfate 7727-43-7 | | | | TWA: 0.5 mg/m ³ STEL: 1.5 mg/m ³ | TWA: 2 mg/m ³ STEL: 6 mg/m ³ |
| Dipropylene glycol monomethyl ether 34590-94-8 | Skin STEL: 100 ppm STEL: 614 mg/m ³ TWA: 50 ppm TWA: 307 mg/m ³ | STEL: 50 ppm STEL: 300 mg/m ³ TWA: 50 ppm TWA: 300 mg/m ³ | STEL: 480 mg/m ³ TWA: 240 mg/m ³ | TWA: 50 ppm TWA: 300 mg/m ³ Skin STEL: 75 ppm STEL: 375 mg/m ³ | TWA: 50 ppm TWA: 308 mg/m ³ Skin |
| Quartz 14808-60-7 | TWA: 0.15 mg/m ³ | TWA: 0.15 mg/m ³ | TWA: 2 mg/m ³ TWA: 0.3 mg/m ³ TWA: 4.0 mg/m ³ TWA: 1.0 mg/m ³ | TWA: 0.3 mg/m ³ TWA: 0.1 mg/m ³ STEL: 0.9 mg/m ³ STEL: 0.3 mg/m ³ | TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³ |
| Talc 14807-96-6 | TWA: 2 mg/m ³ | TWA: 2 mg/m ³ | TWA: 4.0 mg/m ³ TWA: 1.0 mg/m ³ | TWA: 6 mg/m ³ TWA: 2 mg/m ³ STEL: 12 mg/m ³ STEL: 4 mg/m ³ | TWA: 10 mg/m ³ TWA: 0.8 mg/m ³ |
| Silicon dioxide 7631-86-9 | TWA: 4 mg/m ³ TWA: 0.3 mg/m ³ | TWA: 4 mg/m ³ TWA: 0.3 mg/m ³ | | TWA: 1.5 mg/m ³ STEL: 3 mg/m ³ | TWA: 6 mg/m ³ TWA: 2.4 mg/m ³ |
| Propylene glycol monomethyl ether acetate 108-65-6 | Skin STEL: 100 ppm STEL: 550 mg/m ³ TWA: 50 ppm TWA: 275 mg/m ³ | STEL: 50 ppm STEL: 275 mg/m ³ TWA: 50 ppm TWA: 275 mg/m ³ | STEL: 520 mg/m ³ TWA: 260 mg/m ³ | TWA: 50 ppm TWA: 270 mg/m ³ Skin STEL: 75 ppm STEL: 337.5 mg/m ³ | TWA: 50 ppm TWA: 275 mg/m ³ STEL: 100 ppm STEL: 550 mg/m ³ Skin |
| Naphthalene 91-20-3 | Skin TWA: 10 ppm TWA: 50 mg/m ³ | Skin TWA: 10 ppm TWA: 50 mg/m ³ | STEL: 50 mg/m ³ TWA: 20 mg/m ³ | TWA: 10 ppm TWA: 50 mg/m ³ STEL: 20 ppm STEL: 75 mg/m ³ | TWA: 10 ppm TWA: 50 mg/m ³ STEL: 15 ppm STEL: 75 mg/m ³ |

| Component | Italy | Portugal | Netherlands | Finland | Denmark |
|-------------------------------|--|---|--------------------|-----------------|----------------|
| Naphthalene 91-20-3 (<1) | (ACGIH:) urine end of shift at end of workweek 1-Hydroxypyrene (with hydrolysis) Nonquantitative | | | | |
| Component | Romania | Slovakia | Latvia | Bulgaria | |
| Naphthalene 91-20-3 (<1) | | 5.66 µg/L urine end of exposure or work shift 1-Hydroxypyrene Carcinogens, category 2 | | | |

Derived No Effect Level No information available
Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

| | |
|--|--|
| Engineering Measures | Ensure adequate ventilation, especially in confined areas. |
| Personal protective equipment | |
| Eye Protection | Safety glasses with side-shields. |
| Skin and Body Protection | Lightweight protective clothing. |
| Hand Protection | Impervious gloves. |
| Respiratory Protection | When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. |
| Environmental Exposure Controls | Do not allow material to contaminate ground water system. |

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | | | |
|---|---|--------------------------|-------|
| Physical State | Viscous liquid | Appearance | Green |
| Odor | Mild Solvent | | |
| Property | Values | Remarks/ - Method | |
| pH | No data available | None known | |
| Melting Point/Range | No data available | None known | |
| Boiling Point/Boiling Range | No data available | None known | |
| Flash Point | 74 °C | None known | |
| Evaporation rate | No data available | None known | |
| Flammability (solid, gas) | No data available | None known | |
| Vapor Pressure | No data available | None known | |
| Vapor Density | No data available | None known | |
| Relative Density | 1.28 | None known | |
| Water Solubility | No data available | None known | |
| Solubility in other solvents | No data available | None known | |
| Partition coefficient: n-octanol/water | No data available | None known | |
| Autoignition Temperature | No data available | None known | |
| Decomposition Temperature | No data available | None known | |
| Viscosity | No data available | None known | |
| Flammable Properties | Combustible material: may burn but does not ignite readily. | | |
| Explosive Properties | No data available | | |
| Oxidizing Properties | No data available | | |

9.2. Other information

| | |
|-----------------------------------|-------------------|
| VOC Content (%) | 31 |
| VOC (g/l) | 382 |
| Flammability Limits in Air | No data available |

Section 10. Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Incompatible products. Heat, flames and sparks.

10.5. Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Carbon dioxide (CO₂). Carbon monoxide (CO). Sulfur oxides.

Section 11. Toxicological information

11.1. Information on toxicological effects

Acute Toxicity

Product Information

Inhalation

There is no data available for this product.

Eye Contact

There is no data available for this product.

Skin Contact

There is no data available for this product.

Ingestion

May be harmful if swallowed.

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|--|---|-------------------------------------|
| Naphtha (petroleum), heavy aromatic | > 5000 mg/kg (Rat) | > 2 mL/kg (Rabbit) | > 590 mg/m ³ (Rat) 4 h |
| Dipropylene glycol monomethyl ether | = 5230 mg/kg (Rat) | = 9500 mg/kg (Rabbit) | |
| Quartz | = 500 mg/kg (Rat) | | |
| Silicon dioxide | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | >2.2 mg/L (Rat) 4 h |
| Propylene glycol monomethyl ether acetate | = 8532 mg/kg (Rat) | > 5000 mg/kg (Rabbit) | 5321 mg/m ³ |
| Naphthalene | = 1110 mg/kg (Rat) = 490 mg/kg (Rat) | (= 1120 mg/kg (Rabbit) > 20 g/kg (Rabbit) | > 340 mg/m ³ (Rat) 1 h |

Sensitization

No information available.

Mutagenic Effects

No information available.

Carcinogenic Effects

No information available.

Reproductive Toxicity

Contains a known or suspected reproductive toxin. May damage fertility or the unborn child

Developmental Toxicity

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Target Organ Effects

Central nervous system (CNS). Eyes. Respiratory system. Skin.

Aspiration Hazard

No information available.

Section 12. Ecological information

12.1. Toxicity

Ecotoxicity Effects

Toxic to aquatic life with long lasting effects

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|---------------|-------------------|------------------|----------------------------|----------------------------|
| | | | | |

| | | | | |
|---|---|---|--|--|
| Naphtha (petroleum), heavy aromatic | EC50 72 h: = 2.5 mg/L (Skeletonema costatum) | LC50 96 h: = 19 mg/L static (Pimephales promelas) LC50 96 h: = 2.34 mg/L (Oncorhynchus mykiss) LC50 96 h: = 1740 mg/L static (Lepomis macrochirus) LC50 96 h: = 45 mg/L flow-through (Pimephales promelas) LC50 96 h: = 41 mg/L (Pimephales promelas) | | EC50 48 h: = 0.95 mg/L (Daphnia magna) |
| Dipropylene glycol monomethyl ether | | LC50 96 h: > 10000 mg/L static (Pimephales promelas) | | LC50 48 h: = 1919 mg/L (Daphnia magna) |
| Talc | | LC50 96 h: > 100 g/L semi-static (Brachydanio rerio) | | |
| Silicon dioxide | EC50 72 h: = 440 mg/L (Pseudokirchneriella subcapitata) | LC50 96 h: = 5000 mg/L static (Brachydanio rerio) | | EC50 48 h: = 7600 mg/L (Ceriodaphnia dubia) |
| Propylene glycol monomethyl ether acetate | | LC50 96 h: = 161 mg/L static (Pimephales promelas) | | EC50 48 h: > 500 mg/L (Daphnia magna) |
| Naphthalene | EC50 72 h: = 0.4 mg/L (Skeletonema costatum) | LC50 96 h: 5.74 - 6.44 mg/L flow-through (Pimephales promelas) LC50 96 h: = 1.6 mg/L flow-through (Oncorhynchus mykiss) LC50 96 h: 0.91 - 2.82 mg/L static (Oncorhynchus mykiss) LC50 96 h: = 1.99 mg/L static (Pimephales promelas) LC50 96 h: = 31.0265 mg/L static (Lepomis macrochirus) | | LC50 48 h: = 2.16 mg/L (Daphnia magna) EC50 48 h: = 1.96 mg/L Flow through (Daphnia magna) EC50 48 h: 1.09 - 3.4 mg/L Static (Daphnia magna) |

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential.

| Chemical Name | Log Pow |
|---|-----------|
| Naphtha (petroleum), heavy aromatic | 2.9 - 6.1 |
| Dipropylene glycol monomethyl ether | -0.064 |
| Propylene glycol monomethyl ether acetate | 0.43 |
| Naphthalene | 3.3 |

12.4. Mobility in soil

Adsorbs on soil.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

| Chemical Name | EU - Endocrine Disruptors Candidate List | EU - Endocrine Disruptors - Evaluated Substances | Japan - Endocrine Disruptor Information |
|---------------|--|--|---|
| Naphthalene | Group III Chemical | | |

Section 13. Disposal considerations

13.1. Waste treatment methods

Waste from Residues / Unused Products Dispose of in accordance with local regulations.

Contaminated Packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

Note: Not regulated in quantities less than 5 liter per individual container. See IATA SP A197, IMDG 2.10.2.7 and ADR SP 375.

IMDG/IMO

14.1. UN-Number UN3082
14.2. Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s.
14.3. Hazard Class 9
14.4. Packing Group III
Description UN3082, Environmentally hazardous substance, liquid, n.o.s. (1-Propanone, 2-methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-, Naphtha (petroleum), heavy aromatic), 9, III, Marine Pollutant
14.5. Marine Pollutant None.
Environmental hazard yes
14.6. Special Provisions None.
EmS No. F-A, S-F
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available.

RID

14.1. UN-Number UN3082
14.2. Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s.
14.3. Hazard Class 9
14.4. Packing Group III
Description UN3082, Environmentally hazardous substance, liquid, n.o.s. (1-Propanone, 2-methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-, Naphtha (petroleum), heavy aromatic), 9, III
14.5. Environmental hazard yes
14.6. Special Provisions None.
Classification Code M6

ADR

14.1. UN-Number UN3082
14.2. Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s.
14.3. Hazard Class 9
14.4. Packing Group III
Description UN3082, Environmentally hazardous substance, liquid, n.o.s. (1-Propanone, 2-methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-, Naphtha (petroleum), heavy aromatic), 9, III, (E)
14.5. Environmental hazard yes
14.6. Special Provisions None.
Classification Code M6
Tunnel Restriction Code (E)

ICAO

| | |
|----------------------------|--|
| 14.1. UN-Number | UN3082 |
| 14.2. Proper shipping name | Environmentally hazardous substance, liquid, n.o.s. |
| 14.3. Hazard Class | 9 |
| 14.4. Packing Group | III |
| Description | UN3082, Environmentally hazardous substance, liquid, n.o.s. (1-Propanone, 2-methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-, Naphtha (petroleum), heavy aromatic), 9, III |
| 14.5. Environmental hazard | yes |
| 14.6. Special Provisions | None. |

IATA

| | |
|----------------------------|--|
| 14.1. UN-Number | UN3082 |
| 14.2. Proper Shipping Name | Environmentally hazardous substance, liquid, n.o.s. |
| 14.3. Hazard Class | 9 |
| 14.4. Packing Group | III |
| Description | UN3082, Environmentally hazardous substance, liquid, n.o.s. (1-Propanone, 2-methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-, Naphtha (petroleum), heavy aromatic), 9, III |
| 14.5. Environmental hazard | yes |
| 14.6. Special Provisions | None. |
| ERG Code | 9L |

Section 15. Regulatory information

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

International Inventories

| | |
|---------------|----------|
| TSCA | Complies |
| EINECS/ELINCS | Complies |
| DSL/NDSL | - |
| PICCS | - |
| ENCS | - |
| IECSC | - |
| AICS | - |
| KECL | - |

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment

No information available

Section 16. Other information

Full text of H-Statements referred to under sections 2 and 3

H302 - Harmful if swallowed

H411 - Toxic to aquatic life with long lasting effects

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H304 - May be fatal if swallowed and enters airways

H351 - Suspected of causing cancer

H373 - May cause damage to organs through prolonged or repeated exposure

Key literature references and sources for data

www.ChemADVISOR.com/

| | |
|----------------------|-----------------------------|
| Issuing Date | 24-May-2015 |
| Revision Date | 15-Jun-2015 |
| Revision Note | (M)SDS sections updated: 3. |

This safety data sheet complies with the requirements of Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No. 1907/2006

General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet