

MATERIAL SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

| | |
|-----------------------------|---|
| Product Name | FULLBACK |
| Manufacturer's Product Code | 0375 |
| Major Recommended Uses | Solvent cleaner/degreaser |
| Other Names | Solvent mixture |
| Supplier's Details | Mega Distributors P.O Box 101085 North Shore Mail Centre Phone: +64 9 473 6505 |
| Date of Issue | July 2019 |

SECTION 2 – HAZARDS IDENTIFICATION

| | |
|---|--|
| Colour | Blue green |
| Physical State | Liquid |
| Odour | Faint citrus solvent odour |
| GHS Classification | <p>Physical Hazards Flammable liquids Category 3</p> <p>Health Hazard Aspiration Toxicity Category 1 Skin Corrosion/Irritation Category 2 Skin Sensitization Category 1</p> |
| Labelling | |
| Signal Word | Danger |
| <p>Hazard Statements H226 - Flammable liquid and vapour H304 - May be fatal if swallowed and enters airways H315 - Causes skin irritation H317 - May cause an allergic skin reaction</p> | <p>Precautionary Statements P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking P233 - Keep container tightly closed P240 - Ground/bond container and receiving equipment P241 - Use explosion-proof electrical/ventilating/lighting/equipment P242 - Use only non-sparking tools P243 - Take precautionary measures against static discharge P261 - Avoid breathing dust/fume gas/mist/vapours/spray P264 - Wash face, hands and any exposed skin thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace P280 - Wear protective gloves/protective clothing/eye protection/face protection P403 + P235 - Store in a well-ventilated place. Keep cool P331 - Do NOT induce vomiting P363 - Wash contaminated clothing before reuse P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician P302 + P352 - IF ON SKIN: Wash with plenty of soap and water P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention P370 + P378 - In case of fire: use water spray, dry chemical , carbon dioxide , foam for extinction P405 - Store locked up P501 - Dispose of contents/container in accordance with applicable regulations</p> |

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SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

| Component | CAS No | ENCS | Weight % |
|--|------------|---------|-------------|
| Distillates (Petroleum) Hydrotreated Light | 64742-47-8 | Present | 50-70 |
| Dipropylene Glycol Methyl Ether | 34590-94-8 | Present | 0-10 |
| Di-Pentene | 138-86-3 | Present | 0-10 |
| INGREDIENTS DETERMINED NOT TO BE HAZARDOUS | | | UP TO 100 % |

SECTION 4 – FIRST AID MEASURES

| | |
|------------------|---|
| General advice | Avoid contact with skin, eyes and clothing. Avoid breathing vapours or mists. |
| Eye Contact | Immediately flush eyes with large amounts of water for at least 15 minutes, holding eyelids apart to ensure thorough flushing of the entire eye surface. Seek medical attention immediately. |
| Skin Contact | Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use. |
| Inhalation | Move to fresh air. In case of shortness of breath, give oxygen. If breathing has stopped, apply artificial respiration. Get medical attention immediately. |
| Ingestion | Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person. |
| Advice to Doctor | Aspiration hazard if swallowed - can enter lungs and cause damage. |

SECTION 5 – FIRE FIGHTING MEASURES

| | |
|---|--|
| Flash Point | Flammable Liquid 60 °C |
| Method | Closed cup |
| Auto ignition Temperature | No information available. |
| Flammability Limits in Air % | Mixture |
| Upper | 6.1 |
| Lower | 0.7 |
| Suitable Extinguishing Media | Foam. Dry chemical. Water spray. Carbon dioxide (CO ₂), Foam, Dry Chemical or Water fog. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Specific hazards arising from the chemical | Solvent vapours are heavier than air and may spread along floors. Vapours may ignite and explode. Material can create slippery conditions. |
| Protective Equipment and Precautions for Firefighters | Wear self-contained breathing apparatus pressure-demand, Safe Work, Australia (approved or equivalent) and full protective gear. |

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

| | |
|---------------------------|---|
| Personal Precautions | Use personal protective equipment. Remove all sources of ignition. Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions. |
| Environmental Precautions | Do not flush into surface water or sanitary sewer system. Prevent product from entering drains. |
| Methods for Containment | Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). |
| Methods for Cleaning Up | Use clean non-sparking tools to collect absorbed material. |
| Neutralizing Agent | Not applicable. |

SECTION 7 – HANDLING AND STORAGE

| | |
|-------------------------------|--|
| Precautions for Safe Handling | Keep away from open flames, hot surfaces and sources of ignition Avoid contact with skin, eyes and clothing Avoid breathing vapours or mists |
| Conditions for Safe Storage | Keep away from heat and sources of ignition Store in original container Keep containers tightly closed in a cool, well-ventilated place |
| Storage Temperature | Minimum 2 °C Maximum 49 °C |
| Storage Conditions | Indoor X Outdoor Heated Refrigerated |

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

| Component | ES-TWA | ISHL | ACGIH TLV |
|--|---|-------------------|---------------------------------------|
| Distillates (Petroleum) Hydrotreated Light | | No data available | No data available |
| Dipropylene Glycol Methyl Ether | Skin notation TWA: 50 ppm TWA: 308 mg/m3 | No data available | TWA: 100 ppm Skin STEL: 150 ppm |
| Di-Pentene | | No data available | No data available |
| INGREDIENTS DETERMINED NOT TO BE HAZARDOUS | | No data available | No data available |
| Engineering Measures | Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas. | | |
| Personal Protective Equipment | | | |
| Respiratory Protection | In case of inadequate ventilation wear respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators | | |
| Eye/Face Protection | Tightly fitting safety goggles. | | |
| Hand Protection | Protective gloves | | |
| Skin Protection | Wear suitable protective clothing, Impervious gloves. | | |
| General Hygiene Considerations | Remove and wash contaminated clothing before re-use. Ensure that eyewash stations and safety showers are close to the workstation location. | | |

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|----------------------------|
| Physical State | Liquid |
| Colour | Blue green |
| Odour | Faint citrus solvent odour |
| Specific Gravity | 0.83(at 25°C: Water = 1) |
| Boiling Point | 176 °C |
| Freezing Point | Not available |
| Vapour Pressure | 0.5 mm Hg @ 21 Degrees C |
| Vapour Density | 5.4 (Air = 1.0) |
| Flash Point | Flammable Liquid 60 °C |
| Melting Point/Range | Not available |
| Solubility | Emulsifiable/ Appreciable |
| pH | Not applicable |
| Viscosity | Non viscous |
| Odour Threshold | Not available |
| Evaporation Rate | 1.54 (BuAc = 1) |
| Method | Closed cup |
| Auto ignition Temperature | No information available |
| Per Cent Volatile (Volume) | 95.00 % |
| VOC Content (%) | No information available |
| VOC Content (g/L) | No information available |

SECTION 10 – STABILITY AND REACTIVITY

| | |
|------------------------------------|---|
| Chemical Stability | Stable. Hazardous polymerization does not occur. |
| Conditions to Avoid | Keep away from open flames, hot surfaces, and sources of ignition |
| Incompatible Materials | Strong oxidizing agents, Acids, Acid chlorides, Highly halogenated compounds. |
| Hazardous Decomposition Products | Carbon oxides, Smoke |
| Possibility of Hazardous Reactions | None under normal processing |

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SECTION 11 – TOXICOLOGICAL INFORMATION

| PRODUCT MIXTURE INFORMATION | |
|--|---|
| Principle Route of Exposure | Inhalation, Skin contact, Eye contact. |
| The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009): | |
| Oral LD50 | 3,004.00 mg/kg |
| Dermal LD50 | 2,291.00 mg/kg |
| Inhalation LC50 | |
| Gas | Not applicable |
| Mist | Not applicable |
| Vapour | Not applicable |
| Primary Routes of Entry | Inhalation, Skin Absorption. |
| MAIN SYMPTOMS | |
| Acute Effects | |
| Eyes | Severe irritation. |
| Skin | Causes skin irritation. May cause allergic skin reaction. |
| Inhalation | May cause irritation of respiratory tract & mucous membrane. Inhalation may cause central nervous system effects. May cause central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. May cause allergic respiratory reaction. |
| Ingestion | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways. |
| Chronic Effects | May cause sensitization by skin contact, May cause sensitization by inhalation, Prolonged skin contact may defat the skin and produce dermatitis, Liver and kidney injuries may occur. |
| Target Organ Effects | Central nervous system, Lungs, Bone Marrow, Kidney, Liver, Bladder. |
| Aggravated Medical Conditions | Respiratory disorders, Skin disorders, Kidney disorders, Liver disorders. |

| COMPONENT INFORMATION | | | | | |
|---|-------------------------|---|---------------------------|-------------------|---|
| Acute Toxicity | | | | | |
| Component | LD50 Oral | LD50 Dermal | LC50 Inhalation | Draize Test | Other |
| Distillates (Petroleum) Hydrotreated Light | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 5.2 mg/L (Rat) 4 h | No data available | No data available |
| Dipropylene Glycol Methyl Ether | > 5230 mg/kg (Rat) | > 9500 mg/kg (Rabbit) | No data available | No data available | Eyes,CNS, respiratory system |
| Di-Pentene | No data available | Skin sensitization Respiratory sensitizer | No data available | No data available | CNS, immune system, lungs, liver, kidneys |
| INGREDIENTS DETERMINED NOT TO BE HAZARDOUS | No data available | No data available | No data available | No data available | No data available |

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| COMPONENT INFORMATION | | | | | |
|--|-------------------|--|------------------------|-----------------------|---|
| Chronic Toxicity | | | | | |
| Component | Mutagenicity | Sensitization | Developmental Toxicity | Reproductive Toxicity | Target Organ Effects |
| Distillates (Petroleum) Hydrotreated Light | No data available | No data available | No data available | No data available | No data available |
| Dipropylene Glycol Methyl Ether | No data available | No data available | No data available | No data available | Eyes,CNS, respiratory system |
| Di-Pentene | No data available | Skin sensitization Respiratory sensitizer | No data available | No data available | CNS, immune system, lungs, liver, kidneys |
| INGREDIENTS DETERMINED NOT TO BE HAZARDOUS | No data available | No data available | No data available | No data available | No data available |

| CARCINOGENICITY | | | | | |
|--|----------------|----------------|----------------|----------------|----------------|
| Component | ES | ACGIH | IARC | NTP | Other |
| Distillates (Petroleum) Hydrotreated Light | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| Dipropylene Glycol Methyl Ether | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| Di-Pentene | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| INGREDIENTS DETERMINED NOT TO BE HAZARDOUS | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |

SECTION 12 – ECOLOGICAL INFORMATION

| Product Information No data available | | | | | |
|--|-------------------|---|-------------------|----------------------|----------------|
| Component Information | | | | | |
| Component | Toxicity to Algae | Toxicity to Fish | Microtox | Water Flea | Log Pow |
| Distillates (Petroleum) Hydrotreated Light | No data available | LC50 = 2.2 mg/L Lepomis macrochirus 96 h LC50 = 2.4 mg/L Oncorhynchus mykiss 96 h LC50 = 45 mg/L Pimephales promelas 96 h | No data available | No data available | Not applicable |
| Dipropylene Glycol Methyl Ether | No data available | LC50 > 10000 mg/L Pimephales promelas 96 h | No data available | LC50= 1919 mg/L 48 h | -0.064 |
| Di-Pentene | No data available | LC50 0.619 - 0.796 mg/L Pimephales promelas 96 h LC50 = 35 mg/L Oncorhynchus mykiss 96 h | No data available | No data available | Not applicable |
| INGREDIENTS DETERMINED NOT TO BE HAZARDOUS | No data available | No data available | No data available | No data available | Not applicable |

Eco toxicity effects
Bioaccumulation

No information available
No information available

Persistence & Degradability
Mobility

No specific information.
No information available

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SECTION 13 – DISPOSAL CONSIDERATIONS

| | |
|--|--|
| Product Disposal Container Disposal | Dispose of in accordance with local regulations. Empty containers should be taken for local recycling, recovery, or waste disposal. |
|--|--|

SECTION 14 – TRANSPORT INFORMATION

| | |
|----------------------|--|
| ADG 7 | |
| UN-No | 1993 |
| Proper Shipping Name | Flammable Liquids, N.O.S. |
| Hazard Class | 3 |
| Packaging Group | III |
| Hazchem Code | 2Y |
| Shipping Description | UN 1993,Flammable liquids ,N.O.S. 3,PG III |

SECTION 15 – REGULATORY INFORMATION

| | |
|-------------------------|------------|
| Australia | |
| Poison Schedule (SUSMP) | Schedule 5 |

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