

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.
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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