

Safety Data Sheet

Section 1: IDENTIFICATION

BIG O

Recommended Use: Engine Degreaser and Black Jack Remover

Product Code: See Manufacturers Code

Company:	MICHALIS GROUP PTY LTD TRADING AS ALL-PRO CHEMICAL AND CLEANING SUPPLIES
Address:	3/7 AYRSHIRE CRESCENT, SANDGATE N.S.W 2304
Telephone Number:	(02) 4968 2000
Emergency Telephone Number:	Poisons Information Centre: Westmead NSW Australia 131126

Manufacturers Product Code:

BIG O (5L)
BIG O (25L)
BIG O (205L)
BIG O (1000L)

Section 2: HAZARDS

Classified as hazardous according to the criteria of the NOHSC.

R 65: Harmful, may cause lung damage if swallowed.

Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Liquid Hydrocarbons	64742-48-9	90%
Other Non-Hazardous ingredients	Secret	10%

Section 4: FIRST AID

Eye (contact)	Hold eyelids apart and flush the eye continuously with running water. Seek medical attention.
Skin (contact)	Remove contaminated clothing and flush skin and hair with running water and soap.
Inhalation (Breathing)	Remove to fresh air. If not breathing give artificial respiration.
Ingestion (Swallowing)	DO NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone: 13 11 26) or a doctor.
Advice to Doctor	Treat symptomatically. Note the nature of this product.
First Aid Facilities	Ensure an eye bath and safety shower are available and ready for use.
Additional Information	No aggravated medical conditions are known to be caused by exposure to this product.

Section 5: FIREFIGHTING MEASURE

Suitable Extinguishing Media	Fire fighters should wear full protective equipment including self-contained breathing apparatus. Use foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. Keep adjacent containers cool by spraying with water. Do not use water in a jet.
Hazards from Combustion Products	Toxic and/or irritating fumes including carbon monoxide and carbon dioxide may be emitted.
Precautions for Fire Fighters and Special Protective Equipment	Keep containers cool by spraying with water.
Additional Information	Hazchem Code- Not Applicable

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure	Evacuate the area of all non-essential personnel. Shut off leaks, if possible without personal risk. Avoid contact with skin, eyes. Do not breath vapour. Use protective equipment. Wear nitrile rubber gloves, gauntlet type, neoprene apron, safety boots - rubber, knee length, and respiratory protection. Prevent contamination of soil and water. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth, or other appropriate barriers.
Spills / Clean up	Slippery when spilled. Personal protective equipment should be worn when cleaning up spills. Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material, such as sand, vermiculite or other inert material. Prevent spill entering sewers or waterways. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling	Contact ALL-PRO sales representative for advice when using this product for any application other than that outlined on the label. Any non-authorized use of this product may result in personal injury or damage to equipment. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.
Conditions for Safe Storage	Avoid prolonged or repeated contact with skin. Do not breathe vapour, spray, mists. Avoid handling above 60deg C otherwise the product may form flammable/ explosive vapour-air mixtures. No special requirements. Ambient storage temperature. Take precautionary measures against static discharge. For containers paint, use zinc silicate, epoxy resins. Consult AS 1940 for further information on the storage and handling of flammable and combustible liquids.

Section 8: EXPOSURE CONTROL/ PERSONAL PROTECTION

National Exposure Standards OEL based on European Hydrocarbon Solvents Procedures (CEFIC _ HSPA) methodology. TWA: (8h) = 30ppm (200mg/m³)

Biological Limit Values No data available.

Engineering Controls Use only in well-ventilated areas.

Personal Protection Use personal protection. Respiratory protection: Wear respiratory protection suitable for the specific conditions of use and meeting relevant legislation. Hand protection: Wear Nitrile rubber gloves. Avoid prolonged contact natural, butyl or nitrile rubbers. Eye protection: Wear mono-goggles. Body protection: Wear safety shoes or boots-chemical resistant, standard issue work clothes.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point/Melting Point: 200-244°C

Odour: FAINT ALIPHATIC ODOUR

Ignition Temperature: 244 °C

pH: N/A

Freezing point: NOT AVAILABLE

Vapour Density: NOT AVAILABLE

Specific Gravity: 0.8

Flashpoint (°C):68°C

Vapour Pressure: (pascals pr mm of Hg at 25°C): NOT AVAILABLE

Appearance: CLEAR SOLVENT

Upper and Lower Flammability limits (in air): APPROX. LEL: 0.7% UEL:6.0%

Solubility (g/l): INSOLUBLE

Section 10: STABILITY AND REACTIVITY

Chemical Stability	Stable under normal ambient storage conditions.
Conditions to avoid	Avoid high temperatures (store below 30°C). Protect against physical damage.
Incompatible materials	None known. Do not mix with other chemicals.
Hazardous decomposition products	None known.
Hazardous reactions	None known.

Section 11: TOXICOLOGICAL INFORMATION

Health Effects

Acute

Swallowed	Harmful, may cause lung damage if swallowed.
Eye	No data available
Skin	Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis.
Inhaled	Inhalation into the lungs may cause chemical pneumonitis which can be fatal.

Chronic

Swallowed	No effects known.
Eye	No effects known.
Inhaled	No effects known.
Skin	No effects known.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not available.
Persistence and degradability	Not available.
Mobility	Not Available.

Section 13: DISPOSAL CONSIDERATIONS

Disposable method	Refer to State/ Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before recycling or disposing to an authorized landfill.
Special precautions	None Available.

Section 14: TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (AICS).

UN Number:	Not applicable
UN Proper Shipping Name:	Solvent High Flashpoint
Class and subsidiary risk:	C1
Packing Group:	Not applicable
Special Precautions for user:	Not applicable
Hazchem code:	Not applicable

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): schedule 5 - CAUTION

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

Section 16: OTHER INFORMATION

Prepared By: Ian Barkley
Position: Managing Director

Date of preparation: 1st July 2014

Legend to Abbreviations and Acronyms

AICS Australian Inventory of Chemical Substances

CAS Chemical Abstracts Service (Registry Number)

CEFIC European Council of the Chemical Industry

deg C ('C) degrees Celsius

G gram

g/l grams per litre

HSPA Hydrocarbon Solvents Producers Association

LEL Lower Explosive Limit

Ltr (L) Litre

mg milligram

mg/m³ milligrams per cubic metre

Mm millimetre

N/A Not Applicable

NOHSC National Occupational Health and Safety Commission

OEL Occupational Exposure Limit

SUSDP Standard for the Uniform Scheduling of Drugs and Poisons

TWA Time Weighted Average

UEL Upper Explosive Limit

UN United Nations (number)