Solvent 88

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name	Solvent 88
Product Code	S88 20
Uses	For removal of grease and oil.
Supplier name	Advanced Autologic Pty Ltd
Address	PO Box 205 Byford WA, 6122
Telephone	(08) 9526 2678
Email	sales@automotivetreatments.com
Emergency	(08) 9525 2678 (All Hours)

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture Hazardous

GHS Label elements

Signal word Danger

Pictogram

Precautionary statements

Hazard Category	Aspiration hazard - category 1, Skin irritation – category 2, Flammable – category 3
Hazard Statement	H350 – May cause cancer
	H304 - May be fatal if swallowed and enters airways
	H315 - Causes skin irritation
	H372 – Causes damage to organs with prolonged exposure

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Substances / Mixtures

Ingredient	CAS Number	Content
Liquid Hydrocarbons	64742-49-0	>80%
Hexane	110-54-3	<20%

All products are formulated to be non-hazardous to health and environment, wherever possible. All hazardous sub-stances as defined by the NOHSC Code 1008 are listed by CAS No. Other major ingredients that are determined to be non-hazardous are listed without a CAS No.

4. FIRST AID MEASURES

Description of first aid measures

Eye	Wash continuously with water for 15 minutes. Seek medical attention.
Inhalation	If inhaled move to fresh air and get medical attention if symptoms occur.
Skin	Remove contaminated clothing and wash skin thoroughly with soapy water. Seek Medical attention if irritation develops.
Ingestion	If poisoning occurs contact a doctor or Poisons Information Centre. Phone 13 1126. Do **NOT** induce vomiting. Seek medical attention.
First aid facilities	Eye wash and deluge shower facilities.

Most important symptoms and effects, both acute and delayed

See Section 11 for more detailed information on health effects and symptoms.

Immediate medical attention and special treatment needed Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing media

Use foam, carbon dioxide or dry chemical fire extinguisher.Keep adjacent containers cool by spraying with water.

Special hazards arising from the substance or mixture

Highly flammable liquid. In a fire or if heated, a pressure increase will occur, and the container may burst.

Advice for firefighters

Combustion decomposition products of carbon dioxide and carbon monoxide may be evolved. Use breathing apparatus.

Hazchem code 3YE – flammable liquid

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Shut off all possible sources of ignition. Remove any naked lights and strong heat sources. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. Floors may be slippery; use care to avoid falling.

Environmental precautions

Do NOT let product reach drains or waterways. If product does enter a waterway, advise the Environmental Protection Authority or your local Waste Management.

Methods of cleaning up

For small liquid spills (< 1 drum), transfer by mechanical means to a labelled, seal-able container for product recovery or safe disposal. For large liquid spills (> 1 drum), transfer by mechanical means such as vacuum truck to a salvage tank for recovery or safe disposal. Do not flush away residues with water. Retain as contaminated waste.

7. HANDLING AND STORAGE

Precautions for safe handling

Put on appropriate personal protective clothing. Avoid breathing vapours or contact with material.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated, in a diked (bunded), fire-proof area. Keep containers tightly sealed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage.

8. EXPOSURE CONTROLS and PERSONAL PROTECTION

Control parameters

Exposure standards	Skin notation means that significant exposure can also occur by absorption of liquid through the skin and of vapour through the eyes or mucous membranes.
Environmental controls	maintain a well-ventilated area. Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits.
Engineering controls	All activities involving chemicals should be assessed for their risks to health. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.

Exposure controls

Individual Protection Measures (PPE)

Eye and Face	Wear splash-proof goggles.

Hands	Wear neoprene or nitrile rubber gloves.
Body	When using large quantities or where heavy contamination is likely, wear coveralls and chemical resistant rubber boots.
Respiratory	Position in a well-ventilated area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	**Auto-ignition temperature**	No data available
Appearance	Clear Liquid	**Decomposition temperature**	Not available
Colour	colourless	**pH**	neutral
Odour	paraffinic sweet	**Kinematic viscosity**	No data available
Melting point	not available	**Solubility**	insoluble
Boiling point	70-96 °C	**Partial coefficient**	No data available
Flammability	Flammable	**Vapour pressure**	25 kpa
Flammability limit	Not available	**Relative density**	No data available
Flash point	20°C		

10. STABILITY AND REACTIVITY

Reactivity	avoid contact with oxidizers
Chemical stability	stable
Possibility of hazardous reactions	no data available
Conditions to avoid	avoid heat, sparks, open flames and other ignition sources
Incompatible materials	no data available
Hazardous decomposition products	no data availble

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Information of likely routes of exposure Routes of entry – dermal, inhalation

Potential acute health effects

Eye contact	No known significant effects or critical hazards.
Inhalation	Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
Skin contact	Maybe slightly irritating to the skin.
Ingestion	Irritating to mouth, throat and stomach. Aspiration hazard if swallowed -- harmful or fatal if liquid aspirated into lungs.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	Adverse symptoms may include the following: pain or irritation watering redness.
Inhalation	Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness.
Skin contact	Adverse symptoms may include the following: irritation redness.
Ingestion	Adverse symptoms may include the following: nausea or vomiting.

Delayed and immediate effects as well as chronic effects from short term and long-term exposure

Eye contact	Vapour, mist or fume may cause eye irritation. Exposure to vapour, mist or fume may cause stinging, redness and watering of the eyes.

Inhalation	Vapour, mist or fume may irritate the nose, mouth and respiratory tract.
Skin contact	Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/ or dermatitis.
Ingestion	If swallowed, may irritate the mouth, throat and digestive system. If swallowed, may cause abdominal pain, stomach cramps, nausea, vomiting, diarrhoea, dizziness and drowsiness
General	No known significant effects or critical hazards
Carcinogenicity	Suspected of causing cancer depending on level of exposure
Mutagenicity	No known significant effects or critical hazards

12. ECOLOGICAL INFORMATION

Ecotoxicity	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Persistence and degradability	Expected to be biodegradable
Bioaccumulate potential	has the potential to bioaccumulate
Mobility in soil	absorbs to soil and has low mobility
Other adverse effects	Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

13. DISPOSAL CONSIDERATIONS

Disposal methods	Recycle unwanted product or dispose via a waste management contractor.
Legislation	Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

Not Classified as Dangerous Goods according to ADG7, IATA-DGR and IMDG codes.

	Land Transport	Sea Transport	Air Transport
UN Number	UN3295	UN3295	UN3295
Proper Shipping Name	Petroleum Distillates	Petroleum Distillates	Petroleum Distillates
Transport hazard class			
Packaging group	11	11	11
Environmental Hazards	Liquids – Highly flammable	Yes	No data available
Special Precautions	Hazchem code 3YE	No data available	No data available

15. REGULATORY INFORMATION

Safety, health and environmental regulations

Poison schedule	This product is widely used by industry and is not subject to any special regulatory requirements.
Classifications	no data available
Inventory listings	no data available

16. OTHER INFORMATION

Prepared By	Joanne Williams	
Date of Previous Issue	December 2023	Changes Made Complete GHS review.
Contact Person	24 HOUR EMERGENCY CONTACT Poisons Information Centre 13 11 26	
Legal Disclaimer	The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.	

END OF SAFETY DATA SHEET