

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND THE SUPPLIER

Product Name: WHIZ
Recommended use: Auto Detailing Solvent Cleaner
Supplier: Challenge Chemicals Australia
ACN: 68 059 129 568
Street Address: 6 Butcher Street
 KWINANA
 PERTH W.A. 6167

Telephone: (08) 9419 5577
Facsimile: (08) 9419 4958

Emergency Telephone number: (08) 9419 5577 (7.00am to 4.30pm)
 0419 049 003

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO AUSTRALIAN WHS REGULATIONS

GHS Classification(s) Flammable Liquids: Category 2
 Aspiration Hazards: Category 1

Signal Word: DANGER

Pictograms:



Hazard Statement(s):	H225 P304	- Highly flammable liquid and vapour. - May be fatal if swallowed and enters airways.
Prevention Statement(s):	P210 P233 P240 P241 P243 P280	- Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. - Keep container tightly closed. - Ground/bond container and receiving equipment. - Use explosion-proof electrical/ventilating/lighting equipment. - Take precautionary measures against static discharge. - Wear protective gloves, clothing, eye and face protection.
Response Statement(s):	P301 + P310 P303+P361+P353 P331 P370 + P378	- IF SWALLOWED: Immediately call a POISON CENTRE - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. - Do NOT induce vomiting. - In case of fire: Use appropriate media for extinction.
Storage Statement(s):	P403 + P235 P405	- Store in well-ventilated place. Keep cool. - Store locked up.

Disposal Statement(s): P501 - Dispose of contents/container in accordance with relevant regulations.

Other Hazards: No information provided.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended use: Auto detailing solvent cleaner.

Appearance: Clear colourless liquid with mild petroleum odour.

CHEMICAL ENTITY	CAS NO.	EC Number	Content
Naphtha (petroleum) Hydrosulphurised Heavy	64742-82-1	265-185-4	>60%
Other ingredients Determined to be Non hazardous	Not Available	Not Available	Remainder

All the constituents of this materials are listed on the Australian Inventory of Chemical Substances (AICS).

4. FIRST AID MEASURES

Poison Information Centres in each State capital city can provide additional assistance for scheduled poisons. Ring 13 11 26

Ingestion: Immediately rinse mouth with water. Give water to drink. Do NOT induce vomiting. If vomiting occurs, place victim's face downwards, head lower than hips to prevent vomit entering lungs. Seek immediate medical assistance.

Eye Contact: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Seek medical assistance if irritation persists.

Skin Contact: Immediately wash contaminated skin with plenty of water. For gross contamination, immediately drench with water and remove clothing. Remove contaminated clothing and wash before re-use.

Inhalation: Remove victim from exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered.

Important Symptoms: See section 11 for more detailed information on health effects and symptoms.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Fire fighting further advice: Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus when combating fire. Use waterfog to cool intact containers and nearby storage areas.

Suitable extinguishing media: Carbon dioxide, dry chemical powder and foam.

Special Hazards: Highly flammable. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. Vapour may form explosive mixtures with air. Eliminate all ignition sources including cigarettes, open flames, spark producing switches/tools, heaters, naked lights, pilot lights, mobile phones, etc when handling. Earth containers when dispensing fluids.

Hazchem Code: 3Y.

6. ACCIDENTAL RELEASE MEASURES

Slippery when spilt. Contain using sand and soil – prevent runoff into drains and waterways. Use absorbent (soil or sand, inert material, vermiculite). Collect and seal in properly labeled containers for disposal. All sources of ignition must be eliminated.

Wear personal protective equipment as detailed in section 8 of the SDS.

7. HANDLING AND STORAGE

Storage: Ensure containers are adequately labelled and sealed when not in use. Store in a cool well-ventilated area away from incompatible substances, ignition or heat sources.

Before use carefully read the product label. Safe working practices are recommended.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits.

No exposure standards entered for this product.

Biological Limits: No biological limits entered for this product.

As published by the National Occupational Health and Safety Commission (Worksafe Australia).

Peak limitation – a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

This exposure standard is a guide to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering Measures: Avoid inhalation. Use in well-ventilated areas or use mechanical extraction ventilation.

Personal Protection Equipment: Wear safety goggles, nitrile or rubber gloves, coveralls and mask or respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Clear colourless liquid with mild petroleum odour.

Specific Gravity : 0.76

Rel Vapour Density: Not determined

Vapour Pressure : 0.315KPA at 20°C

Flash Point: 23°C

Flammability Limits:LEL 1.0% UEL 6%

Autoignition Temp (C): 280°C

% Volatile by Volume: 97

Solubility in Water: Insoluble

Melting Point (C):Not applicable

Boiling Point (C): 151°C - 196°C

Decomp. Point (C): Not determined

Sublimation Point: Not applicable

pH: Not determined

Viscosity:Not determined

Evaporation Rate: Not determined

10. STABILITY AND REACTIVITY

Stability: Stable

Reactivity: Carefully review all information provided below.

Hazardous Polymerisation: Will not occur.

Conditions to Avoid: Open flames, heat, sparks and any other ignition sources.

Materials to Avoid: Incompatible with oxidising agents, heat and ignition sources.

Hazardous Decomposition Products: May evolve Oxides of Carbon and Hydrocarbons when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Main Symptoms: No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

Acute Toxicity: Based on the available data this product is expected to be of low toxicity.

Ingredient information: Naphtha (petroleum) Hydrodesulphurised, heavy – oral Toxicity LD₅₀ >2000 mg/kg (rat)

Ingestion: Swallowing may result in nausea, vomiting, diarrhoea and abdominal pain. May cause lung damage.

Eye Contact: May cause eye discomfort, but will not injure eye tissue.

Skin Contact: Repeated or prolonged skin contact may lead to irritant contact dermatitis.

Inhalation: Inhalation of vapours may result in respiratory irritation, headaches and dizziness.

Sensitisation: No sensitisation to skin or respiratory system.

Mutagenicity Carcinogenicity and Reproductive Toxicity: Not classified as a mutagen, carcinogen or reproductive toxin.

Specific Target Organ Toxicity (STOT-RE & STOT-SE): Over exposure may result in damage to the nervous system, headaches & dizziness. Not classified as causing organ damage from repeated exposure.

Aspiration Hazard: Aspiration into the lungs may cause pulmonary oedema and chemical pneumonitis.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information provided.

Bioaccumulative Potential: No information provided.

Persistence and Degradability: Readily biodegradable.

Mobility in Soil: No information provided.

Other adverse effects: May be harmful to animal or plant life.

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Small spills may be absorbed with sand or similar materials. Alternatively, normally suitable for disposal at approved land waste site.

Dispose of waste water according to local, state and federal regulations.

14. TRANSPORT INFORMATION

Classified as Dangerous Goods according to ADG7, IATA-DGR and IMDG codes.

UN Number: 1993

Proper Shipping Name: Flammable Liquid, N.O.S.

Transport Hazard Class: 3

Packaging Group: II

Environmental Hazards: No information provided.

Special Precautions: GTEPG – 3A1, EMS: F-E,S-E.

Hazchem Code: 3Y

Product Name: Whiz

Issued: 08/01/2018

Version: A/3

15. REGULATORY INFORMATION

Poison Schedule: No Poisons Schedule number as per SUSMP criteria.

Inventory Listings: All ingredients are listed in the Australian Inventory of Chemical Substances, AICS.

Classified and User Label Information: Classification and labelling have been performed according to regulations.

16. OTHER INFORMATION

Abbreviations and Acronyms:

ADG7 -	Australian Code for the Transport of Dangerous Goods 7 th edition.
AICS -	Australian Inventory of Chemical Substance.
Cas No -	Chemical Abstracts Service Number (or CAS Registry Number).
EC Number -	European Community Number.
EMS -	Emergency Schedules (emergency procedures for ships carrying dangerous goods).
GHS -	Globally Harmonised System of Classification and Labelling of Chemicals.
GTEPG -	Group Text Emergency Procedures Guide.
Hazchem -	Emergency Action Code of Numbers and Letters that provide information to emergency services.
IATA-DGR -	Dangerous Goods Regulations by the International Air Transport Association.
IMDG -	International Maritime Code for Dangerous Goods.
LC50-	Lethal Concentration 50% / Median Lethal Concentration.
LD50-	Lethal Dose 50% / Median Lethal Dose
PH -	Relates to Hydrogen Ion Concentration using a scale of 0 (High Acidic) to 14 (High Alkaline).
SDS -	Safety Data Sheet.
STEL-	Short Term Exposure Limit
STOT-RE -	Specific Target Organ Toxicity (Repeated Exposure).
STOT-SE -	Specific Target Organ Toxicity (Single Exposure).
SUSMP -	Standard for the Uniform Scheduling of Medicines and Poisons.
TWA-	Time Weighted Average.

This SDS summarises at the date of issue or best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Challenge Chemicals Australia and its subsidiaries cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

Date of SDS Preparation: 08/01/2018

Edition, Revision: Edition A, Revision 3

Reason for Issue: GHS Update