

SAFETY DATA SHEET

Section 1: IDENTIFICATION

RESOLVE SUPER CONCENTRATE

Recommended Use: Heavy duty degreaser and detergent

Product Code: 180042 (4x2.5L)

Whiteley Industrial

A division of Whiteley Corporation Pty Ltd (A.C.N. 000 906 678)

Postal Address: P. O. Box 1076 North Sydney NSW 2059

Telephone Number: (02) 9929 9155 Facsimile: (02) 9929 9077

Web: www.whiteley.com.au

Emergency Telephone Number: Poisons Information Centre (National) 131126

Distributed in New Zealand by:

Whiteley Corporation NZ Limited

Address: PO Box 22-519 Otahuhu, Auckland, New Zealand 1640

Telephone Number: 092737313, 0800 257 352

Emergency Telephone Number: New Zealand Poisons Centre 0800 POISON or 0800 764 766

Section 2: HAZARDS

GHS Classification

Skin Corrosion (Category 1)

Acute Toxicity – Oral (Category 4)

Signal Word **DANGER**

Hazard Statements

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage

Precautionary Statements

P260	Do not breathe dusts or mists
P264	Wash hands thoroughly after using
P270	Do not eat, drink or smoke when using this product
P280	Wear protective gloves/protective clothing and eye protection

Response Statements

P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTRE or doctor/physician if you feel unwell.
P303 + P361 + P353	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water.

P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTRE or doctor/physician.
P363	Wash contaminated clothing before reuse

Storage Statements

P405	Store locked up
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Disposal Statements

P501	Dispose of container as per local regulations
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HSNO Classifications

6.1D	Substances that are acutely toxic - Harmful
8.2C	Substances that are corrosive to dermal tissue
8.3A	Substances that are corrosive to ocular tissue

Product is non hazardous when diluted according to the label directions.

Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Benzalkonium Chloride	68424-85-1	<10%
Nonylphenol, ethoxylated	9016-45-9	10 – 30%
(2-Methoxymethylethoxy) propanol	34590-94-8	10 – 30%
Ingredients deemed not to be hazardous	Not applicable	To 100%

Section 4: FIRST AID

Eye (Contact)	Hold eyelids apart and flush the eye continuously with running water. Immediately call a Poison Centre or doctor/physician.
Skin (Contact)	Remove contaminated clothing and flush skin and hair with running water. If skin irritation occurs seek medical advice. Wash contaminated clothing before reuse.
Inhalation(Breathing)	Remove to fresh air.
Ingestion (Swallowing)	DO NOT induce vomiting. Give water to drink if conscious. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor/physician.
Advice to Doctor	Treat symptomatically for alkaline detergent.
First Aid Facilities	Ensure an eye wash and safety shower is 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	Not flammable. Use appropriate extinguisher for burning substance, such as dry chemical powder, foam, water spray or fog.
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 and remove containers in the vicinity not involved in fire. Firefighters must wear full protective clothing self-contained breathing apparatus (SCBA) and chemical splash suit.

Additional Information Hazchem Code – Not applicable.

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide – Not applicable.

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 Always pre-test a small inconspicuous area for possible discolouration before use. Contact Whiteley Corporation sales representative for advice when using this product for any application other than that outlined on the label or technical bulletin.

Any non-intended or non-authorized use of this product may result in personal injury or damage to equipment.

Store product in original container.

Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.

Conditions for Safe Storage Store in a cool, dry, well ventilated area away from incompatible materials. Keep container tightly sealed.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

National Exposure Standards – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003] & New Zealand Workplace Exposure Standards 2002.

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
(2-Methoxymethylethoxy) propanol	34590-94-8	100ppm 606mg/m ³	150ppm 909mg/m ³

Biological Limit Values No data available.

Engineering Controls Use only in a well ventilated area. Wear a suitable respirator if concentration exceed exposure standards.

Personal Protective Equipment

Eye/face protection – Safety glasses / face shield / chemical resistant goggles should be worn to prevent eye contact.

Skin protection – Use Nitrile gloves, apron and chemical resistant boots to prevent skin contact.

Respiratory protection – Respirator is not usually necessary but if product is being used in a confined area where mist is a problem, uses a respirator suitable for particulates and alkaline gases.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Violet liquid	Odour	Mild
Odour Threshold	No data available	pH	13.0 – 14.0
Freezing Point	Approx. 0°C	Initial Boiling Point	Approx. 100°C
Boiling Range	No data available	Flash point	No data available
Evaporation Rate	No data available	Flammability	No data available
Upper flammability limit	No data available	Lower flammability limit	No data available
Vapour Pressure	No data available	Vapour Density	No data available
Relative Density	1.040	Solubility	Completely miscible with water
Partition Coefficient: n-octanol/water	No data available	Autoignition temperature	No data available
Decomposition temperature	No data available	Viscosity	Approx. 50 cPs

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	Incompatible with aluminium, tin, zinc, magnesium and their alloys. Also incompatible with acid and ammonium salts.
Hazardous decomposition products	None known.
Hazardous reactions	Contact with metals and ammonium salts may produce flammable hydrogen gas. Reacts violently with acid.

Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity	Benzalkonium Chloride: LD ₅₀ 240mg/kg (oral, rat) Nonylphenol, ethoxylated: LD ₅₀ 4290mg/kg (oral, rat)
Skin corrosion/ irritation	Product causes irritation, pain and reddening on skin contact. Serious burns may result if the affected area if product is not removed immediately by thorough washing with water.
Serious eye damage/ irritation	Product causes irritation, pain and reddening on eye contact. Serious, permanent eye damage may result if not treated immediately.

Respiratory or skin sensitisation	Inhalation of mist may cause irritation.
Germ Cell Mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
Specific Target Organ Toxicity – Single Exposure	No data available.
Specific Target Organ Toxicity – Repeated Exposure	No data available.
Aspiration Hazard	No data available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	No data available.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal method	Disposal to sewer is normally recommended with copious amounts of water. Refer to State/Territory Land Waste Management Authorities if applicable. Containers are recyclable and can be disposed of by a licensed waste contractor. Containers can be disposed of to general waste or rinsed thoroughly and recycled.
Special precautions	Suitable for incineration by approved agent.

Section 14: TRANSPORT INFORMATION

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

UN Number	Not applicable.
UN Proper Shipping Name	Not applicable.
Class and subsidiary risk	Not applicable.
Packing Group	Not applicable.
Special precautions for user	Not applicable.
Hazchem Code	Not applicable.

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): Not Applicable

HSNO Approval Code: HSR002526

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

This document has been produced in accordance with the requirements of the Globally Harmonised System of Classification and Labelling.

Section 16: OTHER INFORMATION

Date of preparation: 10th May 2016

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