

SAFETY DATA SHEET

The information contained in this material safety data sheet is believed to be accurate on the date of issue and in accordance with the information available to us. Persons dealing with products referred to in this material safety data sheet do so at their own risk. We accept no liability whatsoever for damage or injury however caused arising from use of this information or of suggestions contained herein.

SECTION 1 - IDENTIFICATION

Product Name: 950 HD Degreaser
Other Names: None Listed
Product Code: 950
Product Type: Degreaser
Major Ingredients: Potassium hydroxide
Product Use: General purpose detergent / degreaser, suitable for the cleaning of concrete floors.
Company Details: Base Coatings Pty Ltd (ABN 47 168 205 829)
Address: 3B 62 O'Riordan St Alexandria NSW 2015
Telephone: 1300 850 540
Emergency Telephone: 1300 850 540
Other Information: Users should verify currency of this data sheet if more than 3 years old.

SECTION 2 - HAZARD(S) IDENTIFICATION

Hazardous Nature: Corrosive
Hazardous Classification: Hazardous according to the criteria of SWA.
Dangerous according to ADG (Australian Dangerous Goods) code, IATA and IMDG/IMSBC criteria.
Hazardous Statement: Skin Corrosion / Irritation Category 1
Specific Target Organ Toxicity - Single Exposure Category 3
Hazardous to aquatic environment Short Term/Acute Category 3
Signal Word: DANGER

GHS Pictograms:



Hazard Statements: H314: Causes severe skin burns and eye damage
H335: May cause respiratory irritation
H402: Harmful to aquatic life due to extreme pH

Precautionary Statements: P102: Keep out of reach of children
P261: Avoid breathing fumes, mists, vapours or spray
P262: Do not get in eyes, on skin, or on clothing
P264: Wash contacted areas thoroughly after handling
P271: Use only outdoors or in a well ventilated area
P273: Avoid release to the environment
P280: Wear protective gloves, protective clothing and eye or face protection
P310: Immediately call a POISON CENTER or doctor/physician
P337: If eye irritation persists: seek medical attention
P363: Wash contaminated clothing before reuse
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P303+P361+P353: IF ON SKIN (or hair): Remove 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
P370+P378: Not combustible. Use extinguishing media suited to burning materials
P402+P404: Store in a dry place. Store in a closed container.
P403+P233: Store in a well-ventilated place. Keep container tightly closed
P501: If product can not be recycled, contact a specialist waste disposal company (see Section 13 of this SDS).

Dangerous Goods Classification: 8
Poisons Schedule: 6

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SECTION 3 - COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Ingredients:	Name	CAS No	Proportion
	Potassium hydroxide	1310-58-3	< 10%
	Alkaline Salts	Various	< 10%
	Other non hazardous ingredients	Various	Balance

SECTION 4 - FIRST AID MEASURES

For advice, contact Poisons Information Centre (Australia Ph: 13 11 26) or a doctor.

Inhalation:	Move to fresh air. Monitor for respiratory distress. Seek medical attention if irritation occurs. Symptoms of pulmonary oedema can be delayed up to 48 hours after exposure in severe cases.
Skin Contact:	Wash affected areas with constantly flowing water immediately for at least 30 minutes. Seek immediate medical advice. Remove contaminated clothing and wash before re-use.
Eye Contact:	Flush with plenty of water for at least 30 minutes, ensuring eyelids are held open. Seek medical attention.
Ingestion:	If swallowed, contact Doctor or Emergency Advice All Hours Australia Wide on 131 126 immediately. DO NOT induce vomiting, give glass of water to rinse out mouth thoroughly and wash any residue off skin.
First Aid Facilities:	Eye wash, shower and normal washroom facilities.
Advice to Doctor:	Treat symptomatically as with exposure to corrosive substances. Consult Poisons Information Centre.

SECTION 5 - FIRE FIGHTING MEASURES

Shut off product that may "fuel" a fire if safe to do so. Allow trained personnel to attend a fire in progress, providing firefighters with the Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

Hazchem Code:	Not applicable.
Extinguishing Agents:	Use extinguishing media appropriate for surrounding fire.
Fire Hazards:	Material is non-flammable.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spills:	Contain spills with sand or earth. Remove to suitable container for disposal. Do not allow cleaning water and/or runoffs to enter sewers, storm water or open bodies of water.
Clean Up:	Wash area and equipment with water.
Personal Protection:	Wear protective clothing to minimise skin contact.

SECTION 7 - HANDLING AND STORAGE

Handling:	Exposure to this product should be kept to a minimum. Ensure that measures mentioned in Section 8 below are followed with regards to exposure and personal protection.
Storage:	As with all scheduled poisons, relevant regulations should be followed on the storage of this product. Store in a cool dry place and out of direct sunlight. Keep containers tightly sealed when not in use.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standards:

Name	STEL (mg/m ³ ppm)	TWA (mg/m ³ ppm)
Potassium hydroxide	Peak	2

Biological Limit: No biological limit allocated.

Other Exposure Info: As published by the National Occupational Health and Safety Commission (NOHSC):
TWA – the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.
STEL (short term exposure limit) – the average airborne concentration over a 15 minute period which should not be exceeded at any time during an eight hour work day.

Engineering Controls: Use only in well ventilated areas. Keep containers tightly closed when not in use.

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SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION (CONT.)

Personal Protection -

Respiratory Protection:	Not generally required, however the Australian standard 'AS/NZS1715' should be referred to if there are any uncertainties.
Eye Protection:	The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS1337 and be selected and used in accordance with AS1336.
Hand Protection:	Avoid skin contact. When removing gloves from hands, do not touch the gloves outer surface.
Dispose	of gloves as hazardous waste. Hand protection should comply with AS2161, occupational protective gloves - Selection, use and maintenance.
Skin / Body Protection:	All bare skin areas should be covered with the appropriate protection. Wear overalls, face/eye coverings and impervious gloves. Clothing for protection against chemicals should comply with AS4501 Clothing for Protection Against Hazardous Chemicals.
Footwear:	Safety boots in industrial situations is advisory, foot protection should comply with AS2210, Occupational protective footwear - Guide to selection, care and use.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pink coloured clear liquid
Odour:	Slight odour
Specific Gravity:	1.05
pH Value:	12.5
Viscosity:	Not Available
Flash Point:	Not Applicable
Boiling Point / Range:	100oC at 100kPa (Approx)
Solubility in Water:	Completely miscible
Flammability:	Does not burn

SECTION 10 - STABILITY AND REACTIVITY

Reactivity:	No reactivity hazards are known for the material under normal storage conditions.
Chemical stability:	This material is stable when stored and used as directed.
Conditions to avoid:	Incompatibles.
Incompatible materials:	Tin, zinc, acids, aluminium and their alloys
Hazardous Polymerisation:	Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Classification of Hazardous Ingredients:

Ingredient	Risk Phrases
Potassium Hydroxide	>=2%Conc<5%:C, R34

Health Effects -

Inhalation:	Vapour or mist can cause irritation of the nose, throat, and upper respiratory tract. Symptoms could include coughing, sneezing, nasal discharge, headache, hoarseness and/or nose and throat pain. Nasal membranes could burn if the liquid made contact with nasal canals.
Ingestion:	Corrosive to the gastrointestinal tract and therefore moderate to severe burns with ulceration could be caused if ingested. Third degree burns could be possible if penetration to deeper layers of skin occurred. Continuation of corrosion will occur until product is neutralised or removed. Depending upon exposure concentration and duration of the liquid will affect the severity of symptoms and/or injury.
Skin Contact:	Corrosive and therefore harmful if absorbed through skin. Concentrated solutions can cause redness, pain, itching, scaling, occasional blistering, and/or severe skin burns. Continuation of corrosion will occur until product is neutralised or removed.
Eye Contact:	Harmful if contact with the eyes. Mists may cause eye irritation. Symptoms include redness, pain, tearing, eyelid spasms, blurred vision, chemical conjunctivitis, burns and permanent eye damage. Risk of blindness.
Carcinogenicity:	No evidence of carcinogenic properties by SWA, NTP or IARC.

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SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No information available
Persistence and Degradability: No information available
Bioaccumulative Potential: No information available.
Mobility: No information available.

Due to extreme pH levels, liquid will destroy all aquatic organisms until diluted or neutralised.
Do not allow cleaning water and/or runoffs to enter sewers, storm water or open bodies of water.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods:

For Small Quantities: Do not pour leftover product down the drain. Unwanted product should be wrapped with paper and disposed of via domestic waste collection.

For Large Quantities: Refer to Waste Management Authority. Dispose of material through a licensed waste contractor.
Normally suitable for disposal at approved land waste site.

SECTION 14 - TRANSPORT INFORMATION

UN Number: 1719, Caustic Alkali Liquid, N.O.S. (Contains Potassium Hydroxide).
Propper Shipping Name: Potassium Hydroxide
D.G. Class: Class 8 - Corrosive Substances
Sub Risk: Not Applicable
Packaging Group: III
Hazchem Code: 2R
Special Provisions: 223, 274
Limited Quantities: 5 Litres as per ADG 7 specifications
Packing Instruction: P001, IBC03

Dangerous goods of Class 8 (Corrosive) are incompatible in a placard load with any of the following:
Class 1, Class 4.3, Class 5, Class 6, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids, Class 7 and are incompatible with food and food packaging in any quantity.

SECTION 15 - REGULATORY INFORMATION

Country / Region: Australia
Inventory: AICS
Status: Listed
Poisons Schedule Number: 6

SECTION 16 - OTHER INFORMATION

Supersedes: December 2016
Reason(s) For Issue: Revised

END OF SAFETY DATA SHEET

This SDS summarises at the date of issue our 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. Base Coatings cannot anticipate or control the conditions under which the product may be used, therefore 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.

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.