

Product Name **Purge**

1. IDENTIFICATION OF PRODUCT AND COMPANY

Company Name **ADVANCE INTERNATIONAL CLEANING SYSTEMS (NZ) LTD**
 Address 663 Great South Rd, Penrose, Auckland, 1061
 Telephone 0800 223 826
 Fax 0800 523 826
 Emergency National Poison Information Centre 0800 764 766
 Website www.advanceclean.co.nz

Use(s) PRE SPRAY & CARPET DETERGENT

SDS Date 1/10/2011

2. HAZARDS IDENTIFICATION

HSNO CLASSIFICATIONS

- 3.1D
- 6.1E
- 6.3A
- 6.4A
- 9.1C
- 9.3C

HAZARD STATEMENT

HP47 Combustible liquid
 HH15 Causes skin irritation
 HH19 Causes eye irritation
 HE06 Harmful to aquatic life with long lasting effect
 HE13 Harmful to terrestrial invertebrate

PREVENTION STATEMENT

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 P264 Wash thoroughly after handling.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P273 Avoid release to the environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Content
Sodium metasilicate	6834092-0	<2
Sodium tripolyphosphate	7758-29-4	<5
Sodium dimethyl benzenesulfonate		<10
Anionic surfactant		>5
Non- ionic surfactant		<5
Oxygenated solvent		>5
Water	7732-18-5	level

4. FIRST AID MEASURES

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Ingestion

Immediately rinse mouth with water. If swallowed do not induce vomiting. Give water to drink. Seek immediate medical attention.

Eye contact

Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Transport to the nearest medical facility for additional treatment.

Skin contact

Remove contaminated clothing. Flush exposed area with water then wash with soap if available.

Inhalation

If inhaled, remove the effected person out to a ventilated area. If not breathing, give artificial respiration. If breathing is difficult, give Oxygen. Get medical help.

5. FIRE FIGHTING MEASURES

Type of Hazard

This product is combustible. However, following evaporation of aqueous component residual material can burn if ignited. On burning will emit toxic fumes including those of carbon monoxide and carbon dioxide.

Extinguishing Media

Use dry chemical powder, foam, polymer foam, water spray or fog type extinguishers. Water may be ineffective on fire. However water spray may be used to extinguish fires and to absorb heat, keep containers cool and protect exposed material. If a leak or spill has not ignited, water spray may be used to flush spills away from exposures.

Precautions for Fire Fighters and Special Protective Equipment

Fire fighters to wear self contained breathing apparatus if there is risk of exposure to vapour or products of combustion as well as structural fire fighters uniform.

6. ACCIDENTAL RELEASE MEASURES

Emergency Precautions

Personnel involved in clean-up should wear full protective clothing. Evacuate all unnecessary personnel. Increase ventilation. Avoid walking through spilled product as it may slippery. Stop leak if safe to do so. Do not let product reach drain or waterways; advise the Environmental Protection Authority or your local Waste Management authority. Use clean, non-sparking tools and equipment.

Methods and Materials for Containment and Clean Up

Soak up spilled product using absorbent non-combustible material such as sand or soil. Avoid using sawdust or cellulose. When saturated, collect material into suitable, labelled, dry, sealable containers and hold for safe disposal. Once pick-up is complete, flush spill site with plenty of water to eliminate any residue. Hold contaminated water for treatment/disposal.

7. HANDLING AND STORAGE

Handling

Wash thoroughly after handling. Use only in a well ventilated area. Avoid contact with eyes, skin and clothing. Empty containers retain product and residue (liquid or vapour) and can be dangerous. Keep container tightly closed. Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Do not dispose of material to sewers or waterways.

Storage

Store in a tightly closed container. Keep from contact with oxidizing materials. Store in cool, dry, well ventilated area away from incompatible substances. Keep containers closed at all times, check regularly for leaks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

No Tolerable Exposure Limit (TEL) Workplace Exposure Standards (WES) has been set by the Occupational Safety and Health Service, NZ Department of Labour for this substance.

Biological Limit Values Engineering Controls

None established

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The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof ventilation equipment.

Respiratory Protection

Where concentration in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half face filter mask to protect from overexposure by inhalation. A type "A" filter material is considered suitable for this product.

Eye Protection

Always use safety glasses or a face shield when handling this product.

Skin/Body Protection

Always wear long sleeves and long trousers or coveralls, enclosed footwear or safety boots and chemical resistant gloves when manufacturing this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Blue	Freezing Point	Not applicable
Physical State	Liquid	Ignition Point	Not applicable
Odour	Spice	Flash Point	Not applicable
pH	11(+/-) 0.5	Specific Gravity	1.03
Solubility	soluble in water	Vapour pressure	Not applicable
Vapour Density	Not applicable	% Volatilities	
Boiling point	>100 deg		

10. STABILITY AND REACTIVITY

Chemical Stability	Stable at room temperature and pressure.
Conditions to Avoid	Avoid excessive heat, direct sunlight, moisture, high temperatures.
Incompatible Materials	Incompatible with oxidizing agents, acidic agents, including acidic clays and sources of ignition.
Hazardous Decomposition	When involved in a fire, this product will generate carbon monoxide.
Hazardous Reactions	Oxidizing agents, mineral acids, halogenated organic compounds.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with the safety data sheet. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion	Small amounts of liquid aspirated into lungs during ingestion or from vomiting. Ingesting large amounts of this product will result in headaches, nausea, dizziness and tracheal burning.
Eye Contact	This product is irritating to eyes but will not permanently damage eye tissue.
Skin Contact	This product is irritating to skin and may result in dryness and cracking of skin.
Inhalation	Irritating to respiratory tract. Exposure to high concentrations over an extended period of time may result in muscles weakness, tingling in hands and feet, blurred vision, headaches, nausea, loss of appetite, hallucinations and possible loss of consciousness.

12. ECOLOGICAL INFORMATION

Persistence/ Degradability	The substance is readily biodegradable.
Mobility	No data available for this product.

13. DISPOSAL CONSIDERATIONS

Disposal Methods	Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities.
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14. TRANSPORT INFORMATION

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Road and Rail Transport	Not classified as Dangerous Goods by the criteria of New Zealand Dangerous Goods Code for transport by Road and Rail.
Marine Transport	Not classified as Dangerous Goods by the criteria of international Maritime Dangerous Goods Code for transport by sea.
Air Transport	Not classified as Dangerous Goods by the criteria of international Air Association Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

Approval Code	HSR002525
Group Standard	Cleaning Products combustible products Group Standard 2006
HSNO Controls	Refer to the ERMA website for more information: www.ermanz.govt.nz

16. OTHER INFORMATION

National Poison Information Centre	0800 764 766
Ambulance / Police	111
Advance International Cleaning Systems (NZ) Ltd	0800 223 826

Issue date	15/01/2011
Review date	15/01/2014

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of our knowledge. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace. The document represents the commitment the company's responsibilities surrounding the supply of this product, undertaken in a good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For more information, Please contact Advance International Cleaning Systems (NZ) Ltd (09) 525 3792.

Prepared by M.Derballa Bsc.