

SAFETY DATA SHEET

Product Name HYGIEA SCRUBS SOUR (OPL)

1. PRODUCT AND COMPANY IDENTIFICATION

Recommended use: Neutralises Alkalinity / Rust Inhibitor
Company Details: Advance international Cleaning Systems.
Address: 64, 66 Huia Road, Otahuhu
Auckland. New Zealand
Telephone Number: +64 9 276 1591
Emergency Telephone Number: National Poison Information Centre 0800 764 766
Date of Preparation: 11/07/2022

2. HAZARD IDENTIFICATION

GHS Classification and Categories

Acute toxicity: Oral Category 5
Corrosive to metals Category 1
Skin corrosion Category 1B
Serious eye damage Category 4
Aquatic toxicity (Acute) Category 2
Ecotoxic to terrestrial invertebrates: Category 3

HSNO Hazard Classification: 6.1E (oral), 8.1A, 8.2C, 8.3A, 9.1D, 9.3C



Danger

Code:

H302
H290
H314
H318
H402
H413
H433

Hazard Statements:

Harmful if swallowed
May be corrosive to metal
Causes severe skin burns and eye damage
Causes serious eye damage
Harmful to aquatic life
May cause long lasting harmful effects to aquatic life.
Harmful to terrestrial invertebrates

Prevention Statements:

P102 Keep out of reach of children
P103 Read label before use
P234 Keep only in original container
P260 Do not breathe duct/fume/gas/mist/vapours/spray
P264 Wash thoroughly after handling
P273 Avoid release to the environment
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response Statements:

P101 If medical advice is needed, have product container or label at hand
P301 If Swallowed: Call a POISON CENTRE or doctor /physician If you feel unwell
P303/P353/P361 If on skin: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304 If Inhaled:
P340 Remove to fresh air and keep at rest in a position comfortable for breathing
P305 /P351 If in Eyes: Rinse cautiously with water for several minutes.
P338 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.

P390 Absorb spillage to prevent material damage.

Storage Statement:

P405 Store lock up

P406 Store in corrosive resistant container.

Disposal Statement:

Dispose through licensed disposal contractor

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS #	Concentration
Phosphoric Acid	7664-38-2	25-35%
Propylene Glycol Monomethyl ether	107-98-2	3-10%
Alcohols, C10-12, ethoxylated	68439-46-3	1-5%
Other not hazardous		60-80%

4. FIRST AID MEASURES

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 and follow by washing with soap if available.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give Oxygen. Get medical help.

5. FIRE FIGHTING MEASURES

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.

Hazards from combustion products:

This product is not Combustible liquid, 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

Precautions for fire fighters and special protective equipment:

Alert Fire Brigade and tell them location and nature of hazard.

- Wear breathing apparatus plus protective gloves.
- Prevent, by any means available, spillage from entering drains or water courses

Use fire-fighting procedures suitable for surrounding area.

Use water delivered as a fine spray to control the fire and cool adjacent area.

Fire fighters to wear self contained breathing apparatus if 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 the clean should wear full protective clothing. Evacuate all unnecessary personnel. Increase ventilation. Avoid walking through spilled product as it may be 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. 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 always closed, check regularly for leak.

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:

N/D established

Engineering Controls:

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

PERSONAL PROTECTIVE 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 handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear Liquid
Physical State:	Liquid
Odour:	odourless
pH:	1+/- 0.5
Solubility:	soluble in water
Vapour Density:	N/A
Boiling point:	ND
Freezing Point:	ND
Ignition Point:	ND
Flash Point:	ND
Specific Gravity:	ND
Vapour pressure:	ND
% Volatilities	ND

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable at room temperature and pressure.
Conditions to avoid:	Avoid excessive heat, direct sunlight, moisture, high temperatures and contact with foodstuffs
Incompatible Materials:	Incompatible with strong oxidising agents, reducing agents, sulphides, phosphides, cyanides, acetylides, fluorides, silicides, carbides, strong caustic material, alloys , glass , leather , natural rubber , fluorine gas , arsenic trioxide.
Hazardous decomposition:	no data available
Hazardous reactions:	Contact with metals may evolve flammable hydrogen gas

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 the overexposure occurs are:

Acute Effects

Ingestion:

Small amounts of liquid aspirated into lungs during ingestion, or from vomiting. Ingestion large amounts of this product will result on headaches, nausea, dizziness and tracheal burning.

Eye Contact:

This product is irritating to eyes and will cause permanently damage eye tissue.

Skin Contact:

This product cause skin burns and may result in dryness and cracking of skin.

Inhalation:

Irritating to respiratory tract.

Chronic Effects:

No Data available

Other health effects information:

The effects of the constituent of this product cause severe skin burn and eye damage.

Toxicological information:

No Data Available

12. ECOLOGICAL INFORMATION

Persistence/ degradability:	No data available
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. Packaging may still contain fumes and vapours that are flammable and harmful

Special precautions for landfill or incineration:

This product is not suitable for disposal by either landfill or via municipal sewers, drain, natural streams or rivers. This product is ash less and can be burned directly in appropriate equipment.

14. TRANSPORT INFORMATION

Road and Rail Transport UN no.: 1805
Proper shipping name: Mixture of PHOSPHORIC ACID, SOLUTION
Dangerous goods class: 8
Packaging group: II
Hazchem code: 8(Y) E



15. REGULATORY INFORMATION

HSNO Approval No: HSR002588
Group Standard: Cleaning Products Toxic (corrosive) Group Standard 2006
HSNO Classification: 6.1E (oral), 8.1A, 8.2C, 8.3A, 9.1D, 9.3C

16. OTHER INFORMATION

New Zealand National Poison Information Centre: 0800 764 766
New Zealand Emergency Services: 111
Super Shine Products Limited: +64 9 276 1591

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