

Safety Data Sheet

Lavatory

UNICARE (CHEMICALS) LTD

1 Identification

GHS Product Identifier

Lavatory

Other means of identification

Lavatory Cleaner

Recommended use of the chemical and restriction on use

Only for toilet

Supplier's details

Unicare (Chemicals) Ltd
Aradhippou Industrial area
7101 Larnaca-Cyprus P.O Box
54088
Tel.: +357 24531766, +357 24533765
b++357 24532111

Emergency phone number

1401

2 Hazard(s) identification

GHS label elements

Danger



May be corrosive to metals

Fatal if swallowed

Harmful if swallowed or if inhaled

Harmful in contact with skin or if inhaled

Harmful to aquatic life

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Do not get in eyes, on skin, or on clothing.

Do not eat, drink or smoke when using this product.

Rinse skin with water [or shower].

If skin irritation or rash occurs: Get medical advice/attention.

3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
Hydrochloric Acid 30%	7647-01-0		1 - 10	
Phosphoric Acid 85%	7664-38-2		1 - 6	

4 First-aid measures

Description of necessary first-aid measures

Inhalation: If symptoms are experienced, remove the source of contamination or move victim to fresh air. If the affected person is not breathing, apply artificial respiration. If breathing is difficult give oxygen.

Eye Contact: Immediately flush eyes with large amounts of cold water for 15 minutes while holding eyelids open. If irritation persists, get medical attention.

Skin Contact: If irritated, Wash with soap and water. Get medical attention if irritation persists.

Ingestion: If swallowed, seek medical attention.

5 Fire-fighting measures

Suitable extinguishing media

Flash Point & Method: None

Extinguishing Media: Pulverized water, foam, dry chemical & carbon dioxide

Fire Fighting Equipment: As in any fire, wear self-contained breathing apparatus and full protective gear.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Place spilled material in to appropriate waste containers for disposal in accordance with local regulations.

7 Handling and storage

Precautions for safe handling

Handling: Good standard of safe working practice and industrial hygiene should be observed. Avoid exposure to eye contact.

Storage: Store tightly closed in original packaging unit in a cool place under 78° F and protect from sunlight.

8 Exposure controls/personal protection

Control parameters

Appropriate engineering controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side shields.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear antistatic protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

9 Physical and chemical properties

Physical and chemical properties

Physical state: Liquid.

Melting point: Not available

Vapor pressure: Not available.

Relative density: Not available.

Vapor density: Not available.

Solubility: In water

Color: Not available

Odor: Not available

Odor threshold: Not available pH:1

Flash point: Not available

Evaporation rate 0.192 (butyl acetate = 1)

Partition coefficient: Not available.

Auto-ignition temperature: Not available.

Boiling point : Not available.

Flammability (solid, gas): Not available.

Lower and upper explosive (flammable) limits: Not available.

Viscosity: Not available.

Decomposition temperature: Not available.

Molecular weight: Not applicable.

Heat of combustion: 39.04 kJ/g

10 Stability and reactivity

Reactivity

Chemical stability: No specific test data related to reactivity available for this product or its ingredients.

Possibility of hazardous reactions: The product is stable.

Conditions to avoid: Under normal conditions of storage and use, hazardous reactions will not occur.

Reactivity: Avoid all possible sources of ignition (spark or flame).

Incompatible materials: No specific data.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological information

Toxicological (health) effects

Information on likely routes of exposure

Product Information

Inhalation

Exposure to vapor or mist may irritate respiratory tract.

Eye Contact

May cause eye irritation.

Skin Contact

Prolonged contact may cause irritation.

Ingestion

Ingestion may cause irritation to mucous membranes and gastrointestinal irritation, nausea,

Information on toxicological effects vomiting, and diarrhea.

Symptoms

May cause redness and tearing of the eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization

No information available.

Mutagenic Effects

No information available.

Carcinogenicity

Contains no ingredients listed as a carcinogen.

Reproductive Toxicity

No information available

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Chronic Toxicity

Carcinogenic potential is unknown.

Target Organ Effects

Respiratory system, eyes, gastrointestinal tract (GI).

Aspiration Hazard

No information available.

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12 Ecological information

Toxicity

Eco toxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other Adverse Effects: No information available.

13 Disposal considerations

Disposal methods

Disposal methods: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Do not puncture or incinerate container.

14 Transport information

UN Number

HAZARDOUS CLASS Non-Hazardous Cargo

SHIPPING NAME Not regulated

SPECIAL REMARKS Keep separated from hazardous substances.

15 Regulatory information

Safety, health and environmental regulations specific for the product in question

Manufactured as per specification set by E.C/U.S. FDA/JECFA. Each country has its own laws on coloring of foodstuffs, colorants permitted and their purity standards.

16 Other information

Other information

Key to abbreviations: ATE = Acute Toxicity Estimate

BCF = Bio concentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods