

SAFETY DATA SHEET

PRODUCT AND COMPANY IDENTIFICATION:

Cleaning Systems ENZYME PRECLEAN

An enzymatic based cleaner for protein related stains such as food, coffee, blood, and urine.

CLEANING SYSTEMS LTD

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EMERGENCY CONTACT: Phone (64-9) 579-4114 8 am to 5 pm Mon to Fri
After Hours: National Poisons & Hazardous Chemical Information Centre: 0800-764-766 (0800-POISON)

HAZARD IDENTIFICATION:

By the Hazardous Substances and New Organisms Act 1996 and Classification Regulations 2001, the product is approved as:

Cleaning Products Corrosive Group Standard HSR002526

Signal Word: Danger

HSNO Hazard Classification: 6.1E May be harmful if swallowed.
8.2C Causes severe skin burns and eye damage.
8.3A Causes serious eye damage.
9.3C Harmful to terrestrial vertebrates.

Precautionary Statements: Read label before use.
Keep out of reach of children.
Do not breathe dust or spray.
Wash hands thoroughly after handling.
Wear protective gloves, protective clothing and eye protection/face protection.
Avoid release to the environment

COMPOSITION & INFORMATION ON INGREDIENTS:

Sodium metasilicate penathydrate (CAS# 10213-79-3)	10 – 20 %
Other Builders	> 50 %
Surfactants	2 – 10 %
Protease enzyme preparation	2 – 10 %

FIRST AID MEASURES:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor.
IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation or rash occurs: Get medical advice.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
MEDICAL ASSISTANCE: If discomfort persists, call your nearest Medical Centre or the NZ National Poisons Centre 0800-764-766 for advice. Have this label or Safety Data Sheet on hand.

FIRE FIGHTING MEASURES:

This product is neither flammable nor combustible.
Packages subject to the heat of a fire may burn scattering contents in the vicinity. If water is used to fight the fire, dissolved powder will flow to the lowest levels. Where possible remove all packaging from the path of a fire while still dry.
Firefighters must wear SCBA and chemical resistant suits.
Firefighters should use foam, CO₂, or dry chemical powder to extinguish a fire in the vicinity. Water jet, spray, or fog on large fires only.

ACCIDENTAL RELEASE MEASURES:

Spills on floors will produce a slippery surface if moisture is around. Signage preventing foot traffic should be erected where appropriate. Spills should be carefully contained from spreading beyond the spill area and swept up with brooms and shovels or a mechanical vacuum cleaner if appropriate for corrosives, and the debris placed in open top-drums which can be closed and removed to landfill.

HANDLING AND STORAGE:

Store sealed unopened bags in sites where they can be kept cool and dry, and away from heat sources.
 Handle to prevent damage to packages. Should packaging become damaged, repack into clean and dry bags, or containers of a suitable type to hold the powder and mark the product name carefully on the bag or container.
 After using the product, always close the inner liner plastic bag, then fold over the top of the outer bag and seal closed with adhesive tape.
 After use, return all packages to safe storage as soon as possible.

EXPOSURE CONTROLS & PERSONAL PROTECTION:

Exposure controls: No data is available for the product
 Eye protection: Safety glasses.
 Protective clothing: Chemically impregnable gloves, work shoes, protective work clothes (an apron or overalls).
 Respiratory protection: Should the operator be subject to dust in the routine handling of this product, a mouth and nose filter guard should be used. If subject to regular dust clouds a respirator should be used.
 Ventilation: Where an operator is subject to dusty conditions, ensure there is ready access to eyewash units and safety shower. Also ensure adequate ventilation is provided in the work space.

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance	White granular powder
Odour	Nondescript
pH	1% solution about 12.0
Flash Point	Not applicable
Ignition Point	Not applicable
Specific Gravity	Not applicable
Refractive Index	Not applicable
Viscosity	Not applicable
Relative Foam	Not applicable
Solubility in water	Completely in all proportions

STABILITY AND REACTIVITY:

The product is considered stable under normal storage conditions.
 Avoid contamination with oxidising substances.
 Hazardous polymerisation will not occur.
 Combustion of this product will release oxides of carbon and nitrogen

TOXICOLOGICAL INFORMATION:

No data is available for the product.

ECOLOGICAL INFORMATION:

No data is available for the product

DISPOSAL CONSIDERATIONS:

Dispose of in accordance with local regulations by recognised waste disposal experts. Landfill is the preferred method.
 Spilled powders should be recovered by broom and shovel into open ended drums which can be closed prior to disposal.
 Used bags should be disposed of in landfill or incinerated.

TRANSPORT INFORMATION:

Proper Shipping Name: Disodium Trioxosilicate

UN Number: 3253

Dangerous Goods Class: 8

Subsidiary Risk: -

Packaging Group: III

Hazchem Code: 2X

Flash Point C: Not Applicable

NZ REGULATORY INFORMATION:

Hazardous Substances and New Organisms Act (HSNO) 1996 and Classification Regulations 2001:
 Controls for the product:
 Wear protective clothing when handling the concentrated liquid: gloves, overalls or apron, safety glasses, and respirator.
 Work only in well ventilated sites. Keep the concentrate in secure, properly labelled containers.

OTHER INFORMATION:

Formulation Reference: S6-094

SDS Preparation Date: 20/03/2016

SDS Expiry Date: 20/03/2021

END OF THIS SAFETY DATA SHEET