



PROCHEM SPECIALTY PRODUCTS, INC

Safety Data Sheet PROCLEAN

SECTION 1: Identification

1.1 Product identifier

Product name	PROCLEAN
Product number	2801
Brand	PROCHEM SPECIALTY PRODUCTS, INC
Substance name	DETERGENT MIXTURE

1.2 Other means of identification

DETERGENT MIXTURE/ NOT REGULATED FOR TRANSPORT

1.3 Recommended use of the chemical and restrictions on use

ALKALINE JET SPRAY & HOT TANK SOAK CLEANER FOR ALL METALS TO BE USED DILUTED WITH WATER. FOR INDUSTRIAL USE.

1.4 Supplier's details

Name	PROCHEM SPECIALTY PRODUCTS, INC
Address	115 EAST 18TH STREET NATIONAL CITY, CA 91950 USA
Telephone	619-474-6494 or 800-558-8790
Fax	619-474-0295
email	procem@sbcglobal.net

1.5 Emergency phone number(s)

1-800-451-8346 3E COMPANY CUSTOMER ID# 4009

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)

- Eye damage/irritation (chapter 3.3), Cat. 1
- Skin corrosion/irritation (chapter 3.2), Cat. 1C

2.2 GHS label elements, including precautionary statements

Pictogram



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Signal word

Danger

Hazard statement(s)

H303
H315
H314

May be harmful if swallowed
Causes skin irritation
Causes severe skin burns and eye damage

Precautionary statement(s)

P102
P260
P262
P264
P270
P280
P301+330+P331
P303+P361+P353

P305+P351+P338

P337+P313
P304+P340
P501

Keep out of reach of children.
Do not breathe dust/fume/gas/mist/vapours/spray.
Do not get in eyes, on skin, or on clothing.
Wash ... thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves/protective clothing/eye protection/face protection.
IF SWALLOWED: Call a POISON CENTER/doctor/.../if you feel unwell,
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Dispose of contents/container to ...

2.3 Other hazards which do not result in classification

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Substance name
Formula

DETERGENT MIXTURE
COMPOSITION AND EXACT PERCENTAGES HAVE BEEN WITHHELD
AS A TRADE SECRET

Other names / synonyms

DETERGENT MIXTURE

Hazardous components

1. Component 1 (trade secret)

Concentration

Not specified

Trade secret statement (OSHA 1910.1200(i))

The specific chemical identities and exact percentge of composition have been withheld as a trade secret.
Contains: Sodium Metasilicate Pentahydrate CAS# 6834-92-0

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice

Avoid contact with skin and eyes. Unprotected contact may cause serious eye damage and severe skin irritation/burns. Avoid breathing dusts.

If inhaled

For nasal irritation, remove exposed person from source of exposure to

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fresh air. If not breathing, clear airway and start cardi-pulmonary resuscitation, (CPR) Get immediate medical attention.

In case of skin contact	Immediately wash the skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothing before re-use. Get medical attention. Untreated wounds from corrosion of the skin heal slowly and with difficulty.
In case of eye contact	Flush immediately with large amounts of water for at least 15 minutes. Remove contact lenses if able to do so. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get immediate medical attention. Continue rinsing eyes during transport to the hospital.
If swallowed	Do not induce vomiting unless instructed to do so by a physician. Never give anything by mouth to an unconscious person. Wash out mouth with water and give 200-300 ml (half pint) of water to drink. Get immediate medical attention.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Compatible with all standard fire fighting techniques. Water fog. Foam. Dry chemical powder, Carbon Dioxide (CO₂).

5.2 Specific hazards arising from the chemical

Not applicable

5.3 Special protective actions for fire-fighters

Use self contained breathing apparatus and full protective clothing must be worn in case of fire.

Further information

This product is not flammable or combustible

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing including chemical splash goggles, nitrile, or butyl rubber gloves, rubber apron, and rubber overshoes must be worn during spill clean-ups. Avoid dust formation. Avoid breathing dusts. For personal protection see section 8 of the SDS.

6.2 Environmental precautions

Avoid discharge into drains, water sources or onto the ground.

6.3 Methods and materials for containment and cleaning up

Wearing protective clothing and equipment, scoop up the spilled material. Avoid dusting. Place waste in approved containers for disposal. Dispose waste according to Federal, State and local regulations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not get in eyes, skin or clothing. Avoid generation of dust. Do not breathe dust, Vapor or mists. Use with

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adequate ventilation. Use good hygiene practices. Wash hands before eating, drinking or smoking. Remove contaminated clothing and clean before re-use.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed and dry. Avoid humid or wet conditions as product may cake and become hard. Unsuitable containers: Aluminum.

Specific end use(s)

FOR INDUSTRIAL USE. NON-CAUSTIC ALKALINE SPRAY CLEANER FOR ALL METALS.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Non of the components have assigned PEL

8.2 Appropriate engineering controls

Ventilation should be sufficient to effectively remove and prevent buildup of any dusts or fumes that may be generated during handling or processing.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Unvented, tight fitting goggles should be worn in dusty areas. Splash goggles or safety glasses. Have safety shower and eye wash station available where exposure can occur.

Skin protection

Wear appropriate chemical resistant gloves. The suitability for a specific workplace should be discussed with the produceres of the protective gloves.

Body protection

Choose body protection according to the amount and concentration of the product at the work place.

Respiratory protection

Avoid inhalation of dusts. Use under adequate ventilation. No personal respiratory protective equipment normally required. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions should be considered.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Granular mix- off white
Odor	Citric Scent
Odor threshold	Not available
pH	(1% solution) 11.5
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper/lower flammability limits	Not available
Upper/lower explosive limits	Not applicable

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Vapor pressure	Not applicable
Vapor density	Not applicable
Relative density	Not available
Solubility(ies)	Soluble
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not applicable
Decomposition temperature	Not available
Viscosity	Not applicable
Explosive properties	None
Oxidizing properties	Not applicable

SECTION 10: Stability and reactivity

10.1 Reactivity

Product is stable under normal conditions of use, storage and transport.

10.2 Chemical stability

Product is stable

10.3 Possibility of hazardous reactions

No dangerous reactions under conditions of normal use.

10.4 Conditions to avoid

Avoid contact with incompatible materials.

10.5 Incompatible materials

Strong acids, Oxidizing agents.

10.6 Hazardous decomposition products

May evolve hydrogen gas in contact with strong acids.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Eye damage & severe skin burns/irritation. Ingestion, Inhalation. All symptoms of acute toxicity are due to high alkalinity. Dust is severely irritating to the respiratory tract.

Skin corrosion/irritation

Causes reddening, severe skin irritation/burns or an allergic skin reaction.

Serious eye damage/irritation

Causes severe eye damage if eye is not immediately irrigated.

Respiratory or skin sensitization

Not sensitizing.

Germ cell mutagenicity

No data available.

Carcinogenicity

Components are not listed as carcinogens.

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Reproductive toxicity

No evidence.

Summary of evaluation of the CMR properties

Not classified

STOT-single exposure

Not classified.

STOT-repeated exposure

No evidence

Aspiration hazard

Not classified

SECTION 12: Ecological information

Toxicity

No known effect

Persistence and degradability

Biodegradability does not pertain to inorganic substances.

Bioaccumulative potential

the substance has no potential for bioaccumulation.

Mobility in soil

No data

Results of PBT and vPvB assessment

No data

Other adverse effects

None known

SECTION 13: Disposal considerations

Disposal of the product

Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Disposal of contaminated packaging

Dispose in accordance with all applicable regulations.

Waste treatment

Dispose in accordance with all applicable regulations.

Sewage disposal

Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

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DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

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

California Prop. 65 Components

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

Toxic Substances Control Act (TSCA) Inventory

All components of this product are included on the TSCA inventory.

SARA 302 Components

Not listed

SARA 311/312 Hazards

Acute Health Hazard

SARA 313 Components

Not regulated

HMIS Rating

Health	2
Flammability	0
Physical hazard	0
Personal protection	B

NFPA Rating

Health hazard	2
Fire hazard	0
Reactivity hazard	0
Special hazard	

SECTION 16: Other information

Previous MSDS date: 1/3/2012 Revision Date: 9/2/2015

16.1 Further information/disclaimer

This SDS is provided as an information resource only. This document should not be taken as a warranty for which Prochem Specialty Products, Inc. assumes legal responsibility. The information contained within this SDS was provided by raw materials and other reliable sources. As data and or regulations change, and conditions of use and handling are beyond our control, no warranty, expressed or implied, is made. Personnel handling this material must make independent determinations of the suitability and completeness of information to assure proper use and disposal of this material and the safety and health of employees and customers. The buyer assumes all responsibility of using and handling the product in accordance with applicable Federal, State, and local regulations.

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The user should consider the health hazards & safety information provided herein as a guide and should take the necessary steps to train employees and to develop work practice procedures to ensure a safe work environment,.