



PROCHEM SPECIALTY PRODUCTS, INC

Safety Data Sheet CITRUS SOAK

SECTION 1: Identification

1.1 Product identifier

Product name	CITRUS SOAK
Product number	0814
Brand	PROCHEM SPECIALTY PRODUCTS, INC
Substance name	ALKALINE DETERGENT MIXTURE

1.2 Other means of identification

ALKALINE DETERGENT MIXTURE - NOT REGULATED FOR TRANSPORT.

1.3 Recommended use of the chemical and restrictions on use

HEAVY DUTY HOT TANK SOAK CLEANER FOR ALUMINUM AND FERROUS METALS. 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	prochem@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. 2
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3
- Toxic to reproduction (chapter 3.7), Cat. 2
- Acute toxicity, oral (chapter 3.1), Cat. 4

2.2 GHS label elements, including precautionary statements

Pictogram



Safety Data Sheet

CITRUS SOAK

Signal word

Warning

Hazard statement(s)

H302
H335
H360Df
H315
H319

Harmful if swallowed
May cause respiratory irritation
May damage the unborn child. Suspected of damaging fertility.
Causes skin irritation
Causes serious eye irritation

Precautionary statement(s)

P102
P261
P262
P264
P280
P301+P312 +P330+P331

P303+P361+P353

P304+P340
P305+P351+P338

P332+P313
P337+P313
P362+P364
P402+P404
P501

Keep out of reach of children.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Do not get in eyes, on skin, or on clothing.
Wash ... thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
IF SWALLOWED: Call poison center, Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
Store in a dry place. Store in a closed container.
Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards which do not result in classification

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Substance name ALKALINE DETERGENT MIXTURE
Formula COMPOSITION AND EXACT PERCENTAGES HAVE BEEN WITHHELD AS A TRADE SECRET

Other names / synonyms ALKALINE 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 percentage of composition have been withheld as a trade secret.
Contains Sodium Metasilicate Pentahydrate CAS#6834-92-0 Sodium tetraborate pentahydrate CAS#12179-04-3

SECTION 4: First-aid measures

Safety Data Sheet

CITRUS SOAK

4.1 Description of necessary first-aid measures

General advice	Product is alkaline. Avoid contact with skin and eyes. Unprotected contact may cause serious skin irritation and serious eye damage. Avoid breathing dusts.
If inhaled	For nasal irritation, remove exposed person from source of exposure to fresh air. If not breathing, clear airway and start cardiopulmonary resuscitation,(CPR) Get immediate medical attention.
In case of skin contact	Immediately wash the skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before re-use. If symptoms persist get medical attention.
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.
If swallowed	Call a physician or poison control center immediately. 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 suitable protective clothing. Wear eye/face protection. An approved dust mask should be worn if dust is generated during handling. Ensure adequate ventilation. 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. Caution: Spillages may be slippery.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not get in eyes, skin or clothing. Do not breathe dust, Vapor or mists. Keep containers closed. Use only with adequate ventilation. Use good hygiene practices. Wash hands before eating, drinking or smoking. Remove contaminated clothing and clean before re-use. Emergency shower and eye wash station should be readily available.

7.2 Conditions for safe storage, including any incompatibilities

Store in original tightly closed container. Store in a dry well ventilated area. Avoid humid or wet conditions as product may cake and become hard. Unsuitable containers: Aluminum.

Specific end use(s)

For industrial use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Sodium tetraborate pentahydrate (CAS: 12179-04-3)

PEL-ST (Inhalation): 5 mg/m³ (Cal/OSHA)

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 thermal processing. Have safety shower and eye wash station available where exposure can occur.

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.

Skin protection

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Body protection

Use body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection

Avoid inhalation of dusts. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Granular mix, yellow
Odor	Citrus
Odor threshold	Not available
pH	(1 % Solution) 9.5 to 10.5
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	Not applicable

Safety Data Sheet CITRUS SOAK

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
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. Aluminum, zinc, tin and their alloys. Can react violently if in contact with acids.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

All symptoms of acute toxicity are due to alkalinity. Severe eye irritation & severe skin irritation. May cause irritation to the respiratory tract. Specific substance: Sodium metasilicate Pentahydrate. Oral LD50 (rat) 1152-1349 mg/kg bw Inhalation: Dust is severely irritating to the respiratory tract. LC50 (rat) > 2.06 g/m³

Skin corrosion/irritation

May cause reddening, severe skin irritation.

Serious eye damage/irritation

Causes severe irritation or permanent eye damage if eye is not immediately irrigated.

Respiratory or skin sensitization

Safety Data Sheet CITRUS SOAK

Not sensitizing.

Germ cell mutagenicity

No data available.

Carcinogenicity

This product is not consider to be a carcinogen.

Reproductive toxicity

Product: No data available. Specific substance: Sodium tetraborate Pentahydrate: Chronic: May damage fertility of the unborn child.

Summary of evaluation of the CMR properties

No data available.

STOT-single exposure

Irritating to the respiratory system.

STOT-repeated exposure

Not classified.

Aspiration hazard

Not classified

SECTION 12: Ecological information

Toxicity

Product: no data available. Specific substance: Sodium metasilicate pentahydrate: Fish (Brachydanio rerio) LC50 (96 hrs) 210 mg/l Aquatic invertebrates:(Daphnia magna) EC50 (48 hr) 170 mg/l Specific substance: Sodium tetraborate pentahydrate: Rainbow trout (S.gairdneri) 24 day LC50: 150 mg//B/L 36 day NOEC LOEC +=0.75-1 mg/B/L - Goldfish: (Carassius auratus) 7 day NOEC-LOEC= 26.50 mg/B/L 3 day LC50= 178 mg/B/L - Daphnids: 48 hr LC50 =133 mg/B/L - 21 day NOEC-LOEC= 8-13 mg/B/L Chronic toxicity: Not determined.

Persistence and degradability

Biodegradability does not pertain to inorganic substances.

Bioaccumulative potential

No potential for bioaccumulation.

Mobility in soil

No data

Results of PBT and vPvB assessment

No data available

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.

Safety Data Sheet

CITRUS SOAK

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

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

None of the components of this product are listed.

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

No

SARA 313 Components

Not regulated

HMIS Rating

Health	1
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

Safety Data Sheet

CITRUS SOAK

Previous MSDS date: 1/3/2012 Revision Date: 10/14/2015

16.1 Further information/disclaimer

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