



SAFETY DATA SHEET

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SINGLE CLEAN

Professional Products Direct, Inc.

SECTION 1: IDENTIFICATION OF MATERIAL AND COMPANY

PRODUCT NAME: Single Clean
RELEVANT PRODUCT USES: Efflorescence Remover

SUPPLIER: Professional Products Direct, Inc.
6771 Eastside Rd
Redding, CA 96001

Telephone: 1.888.389.3329
Fax: 1.888.240.9727

PRODUCT IDENTIFIER
Trade Name: Single Clean
Internal ID: XGAL-SC-XXXX

EMERGENCY TELEPHONE NUMBER
1.888.389.3329

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION

Serious Eye Damage: Category 2
Skin Corrosion: Category 2

SIGNAL WORD: DANGER

HAZARD STATEMENTS:

H314: Can cause severe skin burns and eye damage
H318: Can cause serious eye damage

PRECAUTIONARY STATEMENTS - PREVENTION

Do not breathe dust/fume/gas/mist/vapor/spray
Wear protective gloves/clothing/eye protection/face protection

PRECAUTIONARY STATEMENTS - RESPONSE



If on skin/hair: Immediately remove all contaminated clothing. Rinse skin/hair with water.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

See Section 4 of this SDS for more information

ROUTES OF ENTRY

INHALATION: YES SKIN: YES INGESTION: YES EYES: YES

POTENTIAL HEALTH EFFECTS

INHALATION: IRRITANT SKIN: IRRITANT INGESTION: HARMFUL EYES: HARMFUL

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance: Mixture
Chemical Nature: Synthetic Acid

Description of Mixture

Name of substance	CAS No.	Concentration (% Wt.)
Organic Acid Salt	506-89-8	10 - <75

SECTION 4: FIRST AID MEASURES

GENERAL NOTES

Do not leave affected person unattended. Remove victim from danger area. Keep affected person warm, still, and covered. Remove all contaminated clothing. In all cases of doubt or if symptoms persist, seek medical attention. In case on unconsciousness, place person in recovery position. Never give anything by mouth.

FOLLOWING INHALATION:

In case of respiratory tract irritation, provide fresh air. Contact a physician.

FOLLOWING SKIN CONTACT:

After contact with skin, immediately remove all contaminated clothing. Flush skin with water.



FOLLOWING EYE CONTACT:

Irrigate copiously with clean water, holding the eyelids apart. Remove contact lenses if present and easy to do. Continue Rinsing.

FOLLOWING INGESTION:

Rinse mouth with water (only if person is conscious). DO NOT INDUCE VOMITING. Contact a physician immediately.

SECTION 5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA

SUITABLE: Water spray, alcohol resistant foam, BC-powder, carbon dioxide (CO₂)

UNSUITABLE: Water jet

HAZARDOUS COMBUSTION PRODUCTS

Nitrogen oxides (NO_x), carbon monoxide (CO), carbon dioxide (CO₂)

ADVICE FOR FIREFIGHTERS

In case of fire and/or explosion, do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PRECAUTIONS AND PROCEDURES

- *Remove all non-emergency personnel
- *Wear breathing apparatus if exposed to vapors/dust/aerosols/gasses
- *Contain spill
- *Cover all drains
- *Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage with an inert absorbent material (e.g.. sawdust, kieselgur (diatomite), sand, universal binder).
- *Place in appropriate container for disposal

REFERENCE TO OTHER SECTIONS:



Hazardous combustion products: see Section 5. Personal precautions: see Section 8. Incompatible materials: see Section 10. Disposal considerations: See Section 13.

SECTION 7: HANDLING AND STORAGE

RECOMMENDATIONS

- *Use local and general ventilation
- *Use only in well ventilated areas.
- *Store in non-metal containers - upright with lids (caps) tightly closed
- *Do not mix with alkali
- *Keep away from caustic solutions
- *Store between 40°F (4°C) and 90°F (32.2°C)
- *Keep out of the reach of children
- *Do not get in eyes or on skin

ADVISE ON GENERAL OCCUPATIONAL HYGIENE

Wash hands after use. Do not eat, drink, or smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers normally used for food or drink storage. Keep away from food, drink, and animal feeding materials.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMIT VALUES

COUNTRY	AGENT	CAS NO	ID	TWA (ppm)	TWA (mg/m3)	STEL	SOURCE
US	2-butoxyethanol	111-76-2	PEL		50	240 N/A	29 CFR

EXPOSURE CONTROLS

- *General ventilation. If unavailable, wear respiratory protection.
- *Always wear eye/face protection
- *Always wear hand protection tested according to EN374
- *Use appropriate container to avoid environmental contamination. Keep away from drains, surface, and ground water

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



APPEARANCE

Physical State: Liquid
Color: Pale amber / different
Odor: Characteristic

OTHER PHYSICAL AND CHEMICAL PARAMETERS

pH (Value)	<1 at 25°C (acid)
Melting/Freezing Point:	<-30°C at 101.3 kPa
Initial Boiling Point:	100°C at 101.3 kPa
Flash Point:	Not determined
Flammability:	Not relevant (fluid)
Vapor Pressure:	31.69 hPa at 25°C
Water Solubility:	Miscible in any proportion
Explosive Properties:	None
Oxidizing Properties:	None

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY

Conditions to avoid:

- *Strong shocks
- * No known hazardous reactions

Reactivity / Incompatible Materials

- *Light metals - due to the release of hydrogen in and acid/alkaline medium

Hazardous Decomposition Products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill, and heating are not known. Hazardous combustion products: see Section 5.

SECTION 11: TOXICOLOGY INFORMATION

CLASSIFICATION PROCEDURE

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).



In accordance with OSHA 29 CFR 1910.1200 Hazard Communication Standard

Acute Toxicity: Shall not be classified as acutely toxic

Acute toxicity of the components of the mixture

Name	CAS No	Exposure Route	ATE
Organic Acid Salt	506-89-8	Oral	1,121

Skin corrosion/irritation

Can cause severe burns and eye damage

Serious eye damage/eye irritation

Can cause serious eye damage

Summary of evaluation of the CMR properties

Shall not be classified as a germ cell mutagenic, carcinogenic, nor as a reproductive toxicant

Carcinogenicity

National Toxicology Program (US) - none of the ingredients are listed

Specific target organ toxicity (STOT)

Shall not be classified as a specific target organ toxicant

Aspiration hazard

Shall not be classified as presenting an aspiration hazard

SECTION 12: ECOLOGICAL INFORMATION

AQUATIC TOXICITY (ACUTE)

Shall not be classified as hazardous to the aquatic environment



Aquatic toxicity (acute) of components of the mixture

Name	CAS No	Endpoint	Value	Species	Exposure (hr)
Organic acid salt	506-89-8	LC50	71 mg/l	daphnia	48
Organic acid salt	506-89-8	LC50	>142 mg/l	rainbow trout	96

Process of degradability:	Data not available
Bio accumulative potential:	Data not available
Mobility in soil:	Data not available
Results of PBT and vPvB assessment:	Data not available
Other adverse effects:	Data not available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

Sewage Disposal

Do not empty into drains. Avoid release into the environment.

Waste Treatment of Containers/Packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant local, regional, and national provisions. Waste shall be separated into the categories that can be handled separately by your waste management facility.

SECTION 14: TRANSPORTATION INFORMATION

DOMESTIC REGULATION

49 CFR US DOT

Not regulated as dangerous goods by road or by rail

INTERNATIONAL REGULATION

International Maritime Dangerous Goods Code (IMDG)

Not regulated as dangerous goods



International Civil Aviation Organization (ICAO - IATA / DGR)

Not regulated as dangerous goods

SECTION 15: REGULATORY INFORMATION

NATIONAL REGULATIONS (US)

Industry or Sector Specific Guidance(s)

NPCA - HMIS III

Health	2
Flammability	1
Physical Hazard	0
Chronic	None

NFPA 704

Health	2
Flammability	1
Instability	0
Special Hazard	n/a

Key

0= Not Significant

1= Slight

2= Moderate

3= High

4= Extreme

*= Chronic

Relevant European Union (EU) safety, health and environmental provisions

Serious Eye Damage/Irritation Category 2

Skin Corrosion/Irritation Category 2



SECTION 16: OTHER INFORMATION

Key Literature References and Sources for Data

- * OSHA Hazard Communication Standard (HCS), 29 CFR 1910. 1200
- * 49 CFR 172.101 Hazardous Material Table (DOT)

Classification Procedure

- * Physical and chemical properties: The classification is based on tested mixture
- * Health hazards / Environmental hazards: The method of classification of the mixture is based on the ingredients of the mixture (additivity formula)

List of Relevant Phrases (Cods and Full Text Stated in Chapter 2 and 3)

Code	Text
H302	Harmful if swallowed
H314	Can cause serious skin burns and eye damage
H318	Can cause serious eye damage

Disclaimer

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