

# SAFETY DATA SHEET

## PROfab pH Leveler

ISSUE DATE: 2/22/17

### 1. PRODUCT IDENTIFICATION

PRODUCT NAME ..... PROFAB PH LEVELER  
CHEMICAL FAMILY ..... AMINE  
T.S.C.A. STATUS ..... COMPLIANCE  
RESTRICTED PRODUCT USE.... FOR INDUSTRIAL USE ONLY  
SUPPLIED By ..... PRO CHEMICAL & DYE  
126 SHOVE STREET  
FALL RIVER, MA 02724  
PHONE: 508-676-3838

Emergency Telephone Numbers:  
800-255-3924 ChemTel. (United States)  
+ 1 01 813-248-0585 (Outside the United States)

### 2. HAZARDS IDENTIFICATION

GHS Classification: Health Category 2-Skin Corrosion/Irritation  
Health Category 2A-Serious Eye Damage/Eye Irritation  
Health Category 2-Carcinogen  
Health Category 2-STOT (Blood, Kidneys, Liver)  
Environmental Category 3- Chronic Aquatic Toxicity

Pictogram:



Signal Word:

**Danger**

Hazard Statements:

H315: Causes Skin Irritation  
H319: Causes Serious Eye Irritation  
H412: Harmful to Aquatic Life with Long-Lasting Effects  
H351: Suspected of Causing Cancer  
H371: May Cause Damage to Organs

Precautionary Statements:

- P201: Obtain special instructions before use.
- P264: Wash face, hands, and any exposed skin thoroughly after handling.
- P280: Wear protective gloves/ protective clothing/eye protection/face protection
- P270: Do not eat, drink, or smoke when using this product.
- P260: Do not breath dust/fume/gas/mist/vapors/spray
- P284: Wear Respiratory Protection
- P273: Avoid release to the environment
- P501: Dispose of contents/container in accordance with local/regional/international regulations
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313 If eye irritation persists: Get medical advice/attention.
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water for 15 minutes.
- P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
- P301 + P310 + P331 IF SWALLOWED: Immediately call a POSION CENTER/DOCTOR. Do NOT induce vomiting.
- P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing.
- P342 + P311 If experiencing respiratory symptoms: Call a Poison Center or doctor/physician.
- P308 + P313 If exposed or concerned: Get medical advice/attention.

**3. COMPOSITION INFORMATION:**

Triethanolamine	(102-71-6)	90 – 100%
Diethanolamine	(111-42-2)	0 – 1%

**4. FIRST-AID MEASURES**

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING

EYE CONTACT .....Wash IMMEDIATELY with large amounts of water for 30 minutes, lifting the upper and lower lids until no evidence of product remain. Get medical attention immediately. Do not wear contact lenses while handling.

SKIN CONTACT .....Remove all contaminated clothing immediately. Wash immediately with soap and plenty of water for 30 minutes. Get medical attention immediately. Launder contaminated clothing before reuse and discard footwear which cannot be decontaminated.

INGESTION ..... Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by the poison control center or doctor. Never give fluids or induce vomiting if patient is unconscious or has convulsions.

INHALATION ..... If inhaled, remove to fresh air. If not breathing call an emergency responder immediately then give artificial respiration, if by mouth to mouth use rescuer protection (pocket mask, etc.) preferably If breathing is difficult, give oxygen. Call a physician.

## **5. FIREFIGHTING MEASURES**

FLASH POINT ..... NA

EXTINGUISHING MEDIA ..... NA

HAZARDOUS DECOMPOSITION PRODUCTS ..... None Known

SPECIAL FIRE FIGHTING PROCEDURES UNUSUAL FIRE OR EXPLOSION HAZARDS:

Firefighters should be equipped with protective clothing & self-contained breathing apparatus to protect against potentially toxic & irritating fumes. In case of fire or explosion, keep unnecessary people away. Isolate hazard area & any entry. Stay upwind, out of low areas, and ventilate closed spaces before entering.

## **6. ACCIDENTAL RELEASE MEASURES**

IN CASE MATERIAL IS RELEASED/SPILLED:

Use proper personal protection equipment as indicated in Section 8. Hazardous concentrations in air may be found in local spill area in the form of a mist, which may cause skin irritation and breathing problems. Stop source of spill and clean up as soon as possible, if safe to do so.

AIR RELEASE: Will normally be found in a mist form and evacuation from the mist area is the only advisable approach. Correction of the source of the mist is of the utmost importance.

WATER RELEASE: Notify all downstream industrial, municipal, and public operations of this spill.

LAND SPILL: Dike or divert flow of material to a diked areas soon as possible. If necessary create an excavation large enough to contain the spill and associated neutralization materials. To reduce environmental damage, line the excavated surface with a material to which it is compatible and begin neutralization process or remove by vacuum, or pumping.

The materials resulting from clean-up operations may be hazardous wastes and therefore, subject to specific regulations as defined in section 13.

## **7. HANDLING AND STORAGE**

HANDLING: Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Use with adequate ventilation.

STORAGE: Store in a cool, dry well ventilated place. Keep container closed when not in use.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### APPROPRIATE ENGINEERING CONTROLS:

Handle with good industrial practices and industrial hygiene. Wash hands after use.

GENERAL PROTECTIVE MEASURES: Avoid contact with eyes and skin. Immediately remove all contaminated clothing.

EYE PROTECTION .....Wear chemical safety goggles plus full face shield to protect against splashing.

SKIN PROTECTION ..... Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, gloves e.g. of Neoprene and boots are recommended. Additional protections such as impervious suits are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work. Keep away from food and drink stuffs.

RESPIRATORY PROTECTION.. Respiratory protection is not required under normal use. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA N95 filter respirator or better where dust, mist, or spray may be generated. VENTILATION Special ventilation is not required under normal use. Use local exhaust ventilation where dust, mist, or spray may be generated.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE ..... LIQUID  
COLOR ..... CLEAR COLORLESS  
ODOR ..... ND  
ODOR THRESHOLD ..... ND  
SOLUBILITY IN WATER ..... > 1,000 g/l  
SPECIFIC GRAVITY ..... ND  
RELATIVE DENSITY ..... 1.0 - 1.126  
VISCOSITY ..... 810 -934 mm<sup>2</sup>/s @ 20C  
pH ..... 11.0 - 12.0  
MELTING POINT/FREEZING POINT ..... 63 - 68.9 F  
PARTITION COEFFICIENT: N-OCTANOL/WATER ..... log Pow -1.9  
BOILING POINT ..... 608 - 637 F  
VAPOR PRESSURE ..... ND  
VAPOR DENSITY ..... NA  
EVAPORATION RATE ..... 0.01 (Butyl Acetate=l)  
FLAMMABILITY ..... ND  
FLASH POINT ..... 354 F  
AUTO-IGNITION TEMP ..... ND  
DECOMPOSITION TEMPERATURE .... ND  
UEL ..... ND  
LEL ..... ND  
VOLATILE: VALUE: 0.00 UNIT: % COMMENT:

## 10. STABILITY AND REACTIVITY

THERMAL DECOMPOSITION: NA  
POSSIBILITY OF HAZARDOUS REACTIONS: No dangerous reactions known  
CHEMICAL STABILITY ..... Stable  
INCOMPATIBLE MATERIALS: Acids, Copper, Halogenated compounds, Zinc, Aluminium.  
HAZARDOUS DECOMPOSITION PRODUCTS ..... None  
CONDITIONS TO AVOID ..... Avoid elevated temperatures  
REACTIVITY.... Will not occur

## 11. TOXICOLOGICAL INFORMATION

ANIMAL TOXICITY ORAL - LD50 (INGESTION) .....> 5000 mg/kg (RAT)  
EYE EFFECTS .....IRRITANT (RABBIT)  
SKIN EFFECTS .....IRRITANT (RABBIT)  
SENSITIZATION .....ND

### PRIMARY ROUTE OF EXPOSURE

INHALATION:	NO	SKIN ABSORPTION:	NO	INGESTION:	YES
SKIN CONTACT:	YES	EYE CONTACT:	YES		

### CARCINOGEN STATUS

IARC:	YES (2B)	NTP:	NO	OSHA:	NO
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HMIS: 2 0 0 H

INHALATION (ACUTE) Inhalation of this material may be irritating to the nose, mouth, and throat and lungs.

INHALATION (CHRONIC) Chronic (repeated inhalation exposure may cause impairment of lung function and permanent lung damage.

DERMAL (ACUTE) Dermal exposure can cause severe irritation characterized by redness, swelling and scab formation.

DERMAL (CHRONIC) Effects from chronic skin exposure would be similar to those from single exposure.

EYE Severe irritation can occur following eye exposure.

INGESTION (ACUTE) Irritation can occur to the gastro intestinal tract

INGESTION AND OTHER REPEATED (CHRONIC) EXPOSURES May cause damage to organs through prolonged or repeated exposure. The substance or mixture is classified as specific target organ toxicant. (Blood, Kidneys, Liver)

CANCER INFORMATION Classified as an IRAC 2B carcinogen.

### MEDICAL CONDITIONS AGGRAVATED

Persons with any pre-existing respiratory and/or cardiovascular conditions may be more susceptible to the effects of this product.

**12. ECOLOGICAL INFORMATION**

FISH, LCSO .....ND  
AQUATIC INVERTEBRATE ..... 30.1 mg/l (Ceriodaphnia dubia)  
BIODEGRADABILITY: ..... ND  
BACTERIA TOXICITY: .....ND  
AOX ..... 0.000%

**13. DISPOSAL CONSIDERATIONS**

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR IN ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. The information presented here pertains only to the product as shipped in its intended condition as described in SDS section: Composition Information. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred option is to contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. The preferred option in other jurisdictions is to contact the regulatory authority for this product for guidance.

**14. TRANSPORT INFORMATION**

DOT

PROPER SHIPPING NAME: ENVIRONMENTAL HAZARDOUS SUBSTANCES, LIQUID, N.O.S.  
IDENTIFICATION NUMBER: UN 3082  
HAZARD CLASS: 9  
PACKING GROUP: III  
HAZARDOUS SUBSTANCE: (DIETHANOLAMINE)

IATA

NOT REGULATED

IMDG

NOT REGULATED

**15. REGULATORY DATA**

US REGULATIONS:

TSCA: The components of this product are listed on the TSCA Inventory

SARA 313: This product is subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

Diethanolamine 111-42-2 1%

SARA 312:	Immediate (acute) health hazard	Yes
	Delayed (chronic) health hazard	Yes
	Fire hazard	No
	Sudden Release of Pressure	No
	Reactivity	No

CLEAN AIR ACT: This product contains Diethanolamine (111-42-2) Listed as a HAP

CALIFORNIA PROPOSITION 65: This product contains components currently on the California List of Known Carcinogens and reproductive Toxins.

Diethanolamine	(111-42-2)	1%
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#### **16. OTHER INFORMATION**

This company warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. This company makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall this company be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

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