

Pro-Blue™**SECTION 1. IDENTIFICATION****PRODUCT IDENTIFIER:**

Pro-Blue™

OTHER MEANS OF IDENTIFICATION:

PRO-BLUE, PRO- BLUE-32, PRO-BLUE-5, PRO-BLUE-55

RECOMMENDED USE OF THE CHEMICAL:

Please see label for instruction

RESTRICTIONS ON USE:

None known

MANUFACTURED BY:DiversiTech Corporation
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1 800.995.2222

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(Chemical Emergencies)**SECTION 2. HAZARD IDENTIFICATION****CLASSIFICATION OF THE CHEMICAL:**

Skin Corrosive, category 1

HAZARD SYMBOL(S):**SIGNAL WORD:** Danger**HAZARD STATEMENT(S)**

H314 Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENT(S)

P102 Keep out of reach of children.

P264 Wash hands and exposed skin thoroughly after handling.

P260 Do not breathe dusts or mists.

P280 Wear protective gloves and eye protection.

P321 Specific treatment (see FIRST AID section on this label).

P405 Store locked up

P501 Dispose of container in accordance with local regulations

RESPONSE

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P363 Wash contaminated clothing before reuse.

P304+340+310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison control center.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.

HAZARD(S) NOT OTHERWISE CLASSIFIED:

None known

0% of the chemical consists of ingredient(s) of unknown acute toxicity.

NOTE:

Labeling elements found on this SDS may be different from labeling elements found on the label. Safety Data Sheets are regulated by OSHA (29 CFR §1910.1200) while the actual product and its label may be regulated by a different government agency. Please contact the responsible party in Section 1 if you have any questions.

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SECTION 3. INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	COMPOSITION, wt%	GHS CLASSIFICATION(S)
Sodium Hydroxide	1310-73-2	15-30%	Skin Corrosive 1a

TRADE SECRET CLAIM:

When applicable, the specific concentration of each hazardous ingredient is considered a TRADE SECRET. Chemical names and identifiers will be listed in exact composition weight and name when not subject to trade secret exemptions.

NOTE:

This product may contain other ingredients that are not required to be disclosed on this safety data sheet or product label in accordance with 19 CFR §1910.1200. Any ingredient not listed on either the SDS or label is not considered hazardous to health and shouldn't pose a risk to the user.

SECTION 4. FIRST AID MEASURES

GENERAL FIRST AID MEASURES:

If medical attention is required due to exposure then be sure to take product label or safety data sheet when seeking medical care.

IF INHALED:

Move person to fresh air and keep at a comfortable position for breathing. Administer artificial respiration if person is not breathing.

IF IN EYES:

Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention.

INDICATION OF IMMEDIATE MEDICAL ATTENTION:

Seek immediate medical attention in the event of eye or skin exposure.

MOST IMPORTANT SYMPTOMS:

Eye and skin exposure/damage.

IF ON SKIN:

Wash with soap and water. Take off contaminated clothing and wash it before reuse. Seek immediate medical attention.

IF SWALLOWED:

Do NOT induce vomiting unless instructed to do so by a trained medical professional. Rinse mouth with water.

SECTION 5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Water spray, carbon dioxide, sand, powder extinguisher, and dry chemical.

SPECIFIC HAZARDS:

None known.

SPECIAL PROTECTIVE EQUIPMENT:

Not determined.

UNSUITABLE EXTINGUISHING MEDIA:

None known.

HAZARDOUS COMBUSTION PRODUCTS:

Not determined.

PRECAUTIONS FOR FIRE-FIGHTERS:

Not determined.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Remove non-emergency personnel from the area in an orderly fashion.

EMERGENCY PROCEDURE(S):

Cover drains to prevent spill from entering waterways. Evacuate non-emergency personnel from the area. Shut off all sources of ignition.

REFERENCES:

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

PROTECTIVE EQUIPMENT:

Use appropriate chemical-resistant gloves and eye protection.

METHODS FOR CONTAINMENT:

Cover drains and ventilate area to prevent vapor build-up.

METHODS FOR CLEAN UP:

For small spills, wipe with an absorbent material. For large spills, collect with sawdust, sand, or binder before cleaning. Place in an area appropriate for disposal.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Keep away from all ignition sources. Do not smoke while handling.

STORAGE INCOMPATIBILITIES:

None known

CONDITIONS FOR SAFE STORAGE:

Keep cool in a well-ventilated place away from sunlight. Ensure local and adequate ventilation. Keep container tightly sealed in its original container.

SECTION 8. EXPOSURE CONTROLS

INGREDIENT

Sodium Hydroxide

CAS No.

1310-73-2

PEL

2 mg/m³

AGCIH

2 mg/m³

NIOSH

2 mg/m³

GENERAL NOTE:

Practice good industrial hygiene. Wash hands after handling and use.

APPROPRIATE ENGINEERING CONTROLS:

Ensure mechanical ventilation.

EYE/FACE PROTECTION:

Eye protection is required. Wear goggles or another form of chemically resistant eye protection.

SKIN PROTECTION:

Wear gloves suitable for chemical protection.

RESPIRATORY PROTECTION:

No anticipated protective equipment is required.

ENVIRONMENTAL PROTECTION:

No anticipated protective equipment is required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Blue liquid.

ODOR:

Odorless.

pH:

14.

ODOR THRESHOLD:

Not determined.

MELTING POINT:

<25°F.

BOILING POINT:

>200°F.

FLASHPOINT:

Not determined.

EVAPORATION RATE:

>1 (water = 1).

FLAMMABILITY:

Not determined.

UPPER EXPLOSIVE %:

Not determined.

VAPOR PRESSURE: 1 (water = 1).**LOWER EXPLOSIVE %:**

Not determined.

VAPOR DENSITY: 1 (water = 1).**RELATIVE DENSITY:**

Not determined.

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SOLUBILITY: Water miscible.
AUTO-IGNITION: Not determined.
VISCOSITY: Not determined.

PARTITION COEFFICIENT: Not determined.
DECOMPOSITION TEMP: Not determined.

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY:
Not anticipated to be reactive.

CHEMICAL STABILITY:
Chemical is anticipated to be stable in normal storage conditions.

HAZARDOUS REACTIONS:
None known.

CONDITIONS TO AVOID:
Heat, sources of ignition, direct sunlight, etc.

INCOMPATIBLE MATERIALS:
Not determined.

HAZARDOUS DECOMPOSITION PRODUCTS:
None known.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY ESTIMATES:
Oral – Contains no ingredient(s) considered toxic.
Dermal – Contains no ingredient(s) considered toxic.
Inhalation – Contains no ingredient(s) considered toxic.

SKIN CORROSION/IRRITATION:
Contains ingredient(s) known to cause skin damage.

SENSITIZATION:
Respiratory: Contains no ingredient(s) applicable to this category.
Skin: Contains no ingredient(s) applicable to this category.

EYE DAMAGE/IRRITATION:
Contains ingredient(s) known to cause eye irritation.

GERM CELL MUTAGENICITY:
Contains no ingredient(s) applicable to this category.

CARCINOGENICITY:
Contains no ingredient(s) applicable to this category.

REPRODUCTIVE TOXICITY:
Contains no ingredient(s) applicable to this category.

SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE:
Contains no ingredient(s) applicable to this category.

ASPIRATION HAZARD:
Contains no ingredient(s) applicable to this category.

SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE:
Contains no ingredient(s) applicable to this category.

SYMPTOMS RELATED TO CHARACTERISTICS:
Not determined.

DELAYED AND IMMEDIATE EFFECT FROM SHORT- AND LONG-TERM EXPOSURE:
Not determined.

NATIONAL TOXICOLOGY PROGRAM LISTING:
No ingredients listed.

INTERNATIONAL AGENCY FOR REACH ON CANCER LISTING:
No ingredients listed.

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SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY:

Algae – Contains no ingredient(s) considered toxic.
Fish – Contains no ingredient(s) considered toxic.
Crustacea – Contains no ingredient(s) considered toxic.

MOBILITY IN SOIL:

Not determined.

PERSISTENCE AND DEGRADABILITY:

Not determined.

BIOACCUMULATIVE POTENTIAL:

Not determined.

OTHER ADVERSE EFFECTS:

None known.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL OF EMPTY CONTAINERS:

Please recycle container with a licensed recycling company.

DISPOSAL OF FULL OR PARTIALLY FULL CONTAINERS:

Dispose in accordance with all local regulations. Contact a licensed waste management company for questions on disposal procedures.

SECTION 14. TRANSPORT INFORMATION

HAZARD PLACARD:

UN NUMBER: UN3266

LTD QTY: <1 L

UN PROPER SHIPPING NAME: Corrosive liquid,
basic, inorganic,
n.o.s.

HAZARD CLASS: 8
PACKAGING GROUP: II
ENVIRONMENTAL HAZARD: No.
TRANSPORT IN BULK: Not determined.
SPECIAL PRECAUTIONS: Do not ship with
excessive weight on
top. Keep in original
containers.

SECTION 15. REGULATORY INFORMATION

SARA:

311 – No applicable ingredient(s).
312 – No applicable ingredient(s).
313 – No applicable ingredient(s).

TSCA INVENTORY LIST:

Each ingredient is on the TSCA inventory list as
ACTIVE.

HMIS®III: (higher numbers indicate higher risk)

Health, 3
Flammability, 0
Physical Hazard, 1

RIGHT-TO-KNOW:

Sodium hydroxide.

CALIFORNIA:

Prop 65: No ingredient(s) listed.
ARB Designation: Single purpose cleaner.
VOC Limit: Not determined

NFPA®: (higher numbers indicate higher risk)

Health, 3
Flammability, 0
Instability, 0

Pro-Blue™**SECTION 16. OTHER INFORMATION**

REVISION: 2

REVISION DATE: December 27, 2020

REVISION PURPOSE:

Revision based on the new data in relation to formula.

GENERAL DISCLAIMER:

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publications of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.