

Safety Data Sheet



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Section 1. Chemical Product and Company Identification

Product Name Dyna Brite
Product Use Low pH Cleaner
Product Code 1060
Date of Issue 7/11/2016
Supersedes 12/23/2015

Emergency Telephone Numbers
CHEMTREC- 1-800-424-9300

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

Section 2. Hazards Identification

Emergency Overview

DANGER



Health Hazards

Skin Corrosion/Irritation

Category 1

Serious eye damage/ eye irritation

Category 1

Precautionary Statements:

P260 Do not breathe in mist/vapors/spray/fumes
P264 Wash hands thoroughly after handling
P280 Wear protective gloves, clothing and eye protection
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do not induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Remove all contaminated clothing immediately. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove victim to fresh air and keep in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310 Immediately call a poison center or physician
P363 Wash all contaminated clothing before reuse
P405 Store locked up
P501 Dispose of in accordance with all federal, state and local regulations

Hazard Statements:

H314 Causes severe skin burns and serious eye damage

Routes of Entry Dermal, Oral, and Inhalation

Acute Effects:

Eyes Can cause irritation to eye damage depending upon the duration of contact
Skin Can cause irritation to severe burns depending upon the duration of contact
Inhalation Can cause headaches, dizziness and nausea
Ingestion May cause severe irritation and gastrointestinal damage

Section 3. Composition/Information on Ingredients

| <u>Name of Hazardous Ingredients</u> | <u>CAS Number</u> | <u>% by Weight</u> |
|--------------------------------------|-------------------|--------------------|
| Phosphoric Acid | 7664-38-2 | <10 |
| Isopropyl Alcohol | 67-63-0 | ≈5 |
| Dodecyl Benzenesulfonic Acid | 27176-87-0 | <15 |

Section 4. First Aid Measures

Eye Contact Flush immediately with clean water for 15 minutes. Seek medical attention if discomfort persists.
Skin Contact Flush with water for 15 minutes. Use a mild soap. Seek medical attention if discomfort persists.
Inhalation Avoid excessive contact with mist. Remove to fresh air. Begin CPR if breathing has stopped; seek medical attention.
Ingestion Seek immediate medical attention. Give two glasses of water. Do not give if unconscious. Do not induce vomiting. Call a local poison control center.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A)
(estimated rating)



Hazardous Combustion Products N/A
Extinguishing Media Water, fog, foam, dry chemical, sand, earth satisfactory
Unsuitable Extinguishing Media N/A
Fire Fighting Procedures Wear protective gear. Use water spray to cool fire-exposed containers.

Section 6. Accidental Release Measures

Spill Clean Up All spilled material must be contained and kept out of waterways, sewers and drains. The spilled chemical should be absorbed with an inert material. Flush cleaned area thoroughly with water.

Section 7. Handling and Storage

Handling and Storage Keep container tightly closed when not in use. Do not store in area of high temperature. Do not store in area of oxidizing/reducing agents. Keep out of the reach of children. Have eyewash accessible to use in handling area.

Section 8. Exposure Controls/Personal Protection**Exposure Limits**

| Product Name | OSHA PEL | NIOSH REL | AIHA WEEL | ACGIH TLV |
|-----------------------------|--------------------|--------------------|-----------|--------------------|
| Phosphoric Acid (7664-38-2) | 1mg/m ³ | 1mg/m ³ | | 1mg/m ³ |
| Isopropyl Alcohol (67-63-0) | 400ppm | 400ppm | | 200ppm |

Engineering Controls Ventilation recommended to control mist. Use in a well-ventilated area.

**Personal Protective Equipment (PPE)**

Eyes Safety glasses or chemical splash goggles
Body Rubber or neoprene gloves; rubber aprons
Respiratory Use NIOSH approved respirator if exposure limits are reached or exceeded

Section 9. Physical and Chemical Properties

| | | | |
|-----------------------|----------------------|------------------------------|----------|
| Physical State | Liquid | Explosive Limits | N/A |
| Color | Blue | Vapor Pressure | N/A |
| Odor | Slight chemical odor | Vapor Density | N/A |
| Odor Threshold | N/A | Relative Density | N/A |
| pH | 0.0-1.0 | Solubility | Complete |
| Freezing Point | N/A | Partition Coefficient | N/A |

| | | | |
|-------------------------|-------|----------------------------|-----------|
| Boiling Point | 212°F | Auto-Ignition Temp. | N/A |
| Flash Point | None | Decomposition Temp. | N/A |
| Evaporation Rate | N/A | Viscosity | N/A |
| Flammability | N/A | Specific Gravity | 1.05-1.10 |

Section 10. Stability and Reactivity

| | |
|---|---|
| Stability and Reactivity | Stable |
| Incompatibility | Sulfides and sulfites |
| Hazardous Polymerization | Will not occur |
| Hazardous Decomposition Products | Thermal Decomposition emits toxic fumes of oxides of phosphorus |
| Conditions to Avoid | N/A |

Section 11. Toxicological Information

| | |
|------------------------------|--|
| Routes of Entry | Dermal, Oral and Inhalation |
| Symptoms | Irritation to corrosion |
| Skin Irritant | Yes |
| Eye Irritant | Yes |
| Sensitizers | Not determined |
| Mutagenicity | No information found |
| Carcinogenicity | Isopropyl Alcohol: IARC Group 3 (not classifiable as a human carcinogen) |
| Reproductive Toxicity | No information found |
| Target Organs | None |

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate using the additive formula (ATE) has been determined.

Acute Toxicity

| Test | Results | Basis |
|-------------------|--------------|----------------------------------|
| Dermal | 18,150 mg/kg | ATE determined beyond Category 4 |
| Oral | 14,067 mg/kg | ATE determined beyond Category 4 |
| Inhalation | 142,000 ppm | ATE determined beyond Category 4 |

Section 12. Ecological Information

Environmental Effects No ecological information available

Section 13. Disposal Considerations

Waste Information Dispose of in accordance with all Federal, State and Local pollution control regulations.

Section 14. Transportation Information

| Regulatory Information | UN number | Proper Shipping Name | Classes | Packaging Group | Label Code |
|---------------------------|-----------|--------------------------|---------|-----------------|------------|
| DOT Classification | UN1805 | Phosphoric Acid Solution | 8 | PGII | Corrosive |

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information**US Federal Regulations**

The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313:

| | | |
|-------------------|---------|----|
| Isopropyl Alcohol | 67-63-0 | ≈5 |
|-------------------|---------|----|

The following substances have CERCLA reportable quantity values (in pounds):

| | | |
|-------------------------------------|-------------------|--------------|
| Phosphoric Acid | 7664-38-2 | 5,000 |
| Dodecyl Benzenesulfonic Acid | 27176-87-0 | 1,000 |

State Regulations

None

Section 16. Other Information

Last Revision 7/11/2016

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.