

DynaFlush Max (flushing fluid concentrate)

1. Product and Company Identification

1.1 Product identifiers

Product Name: DynaFlush Max (includes all concentrations/dyes)
 Producer: Dynalene, Inc.
 Product Number: Not available.
 CAS-No.: Not available.

1.2 Identified uses of the product and uses advised against

Identified Uses: Flushing/cleaning fluid concentrate.

1.3 Details of the chemical supplier

Company: Dynalene, Inc.
 5250 West Coplay Road
 Whitehall, PA 18052
 USA
 Telephone: +1 610-262-9686
 Fax: +1 610-262-7437

1.4 Emergency telephone number

Within the U.S.: +1 800-424-9300 (CHEMTREC)
 Outside the U.S.: +1 703-527-3887 (CHEMTREC)

2. Hazards Identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Skin corrosion (Category 1B), H314
 Serious eye damage (Category 1), H318

2.2 GHS Label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H314

Causes severe skin burns and eye damage.

Precautionary statement(s)

P260

Do not breathe dust or mist.

P264

Wash skin thoroughly after handling.

P280

Wear protective gloves/clothing/eye/face protection.

P301+P330+P331

IF SWALLOWED: rinse mouth, Do NOT induce vomiting.

P303+P361+P353

IF ON SKIN: Remove all contaminated clothing immediately. Rinse skin with water.

P304+P340

IF INHALED: Remove victim to fresh air and keep at rest 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 doctor/ physician.

P321

Specific treatment (see supplemental first aid instructions on this label).

P363

Wash contaminated clothing before reuse.

P405

Store locked up.

P501

Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None.

3. Composition/Information on Ingredients**3.1 Product mixture**

Synonyms: Mixture.
 Molecular Wt: Not available.
 CAS-No.: Not available.

| Ingredients | Classification | CAS-No. | Concentration |
|---------------------|------------------------------------|----------------|----------------------|
| Trisodium phosphate | Skin Corr. 1B; Eye Dam. 1; H314 | 7601-54-9 | 5-15% |

4. First Aid Measures**4.1 Description of first aid measures****Skin exposure**

If this product contaminates the skin, wash off with soap and plenty of water. Take off contaminated clothing and shoes immediately. Consult a physician.

Eye exposure

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

Inhalation

If vapors or mists of this product are inhaled, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Consult a physician.

Ingestion

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5. Fire Fighting Measures**5.1 Suitable (and unsuitable) extinguishing media**

Suitable: Water spray, carbon dioxide, foam, dry chemical, any "ABC" class.

5.2 Specific hazards arising from the chemical

This product must be substantially pre-heated before ignition can occur. If involved in a fire, this material may decompose and produce irritating vapors and toxic gases.

5.3 Advice for firefighters

Incipient fire responders should wear eye protection. Structural fire fighters must wear Self-Contained Breathing Apparatus and full protective equipment. Move fire-exposed containers if it can be done without risk to firefighters. If possible, prevent run-off water from entering storm drains, bodies of water, or other environmental areas.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment, and emergency procedures

Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of an uncontrolled release, clear the affected area, protect people, and respond with trained personnel.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Small spill: Cover with absorbent material (floor absorbent, vermiculite, etc.). Soak up spill and place material into a drum.

Large spill: Personnel involved with large releases should wear protective equipment. Stop spill at source, dike the area surrounding the spill to prevent further exposure. Prevent material from entering sewer system. If necessary, absorbents such as vermiculite, clay floor absorbent may be used on spill and shoveled into drums.

7. Handling and Storage

7.1 General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the day.

7.2 Precautions for safe handling

All employees who handle this material should be trained to handle it safely. Use in a well-ventilated location. Open drums and other containers of this product slowly, on a stable surface. Drums and other containers of this product should be properly labeled.

7.3 Conditions for safe storage, including any incompatibilities

Move drums of this product carefully, with the appropriate drum-handling equipment. Store drums and other containers in cool, dry locations, away from direct sunlight, or sources of intense heat. Keep containers away from incompatible chemicals.

8. Exposure Controls/Personal Protection

8.1 Control and exposure limits recommended by the chemical manufacturer

Contains no substances with occupational exposure limit values.

8.2 Appropriate engineering controls

Use with adequate ventilation to minimize exposure to mists or sprays of this product. Prudent practice is to ensure eyewash/safety shower stations are available near areas where this product is used. Monitoring of oxygen level is recommended.

8.3 Individual protection measures, such as personal protective equipment

All personnel handling the product should use personal protective equipment level D.

Respiratory protection

None needed for normal circumstances of use. If respiratory protection is needed, use only protection authorized in 29 CFR 1910.134, or applicable State regulations. Use supplied air respiration protection if oxygen levels are below 19.5% or are unknown.

Eye protection

Wear safety glasses with side shields.

Hand protection

Wear butyl rubber, natural rubber, neoprene, Nitrile rubber, or other suitable gloves for routine industrial use.

Body protection

Wear impervious clothing.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

| | |
|---|--|
| a) Appearance | Clear, liquid. |
| b) Odor | Odorless. |
| c) Odor threshold | No data available. |
| d) pH | 11.5 – 12.0 |
| e) Melting/freezing point | 0°C (32°F) |
| f) Boiling point | >100°C (>212°F) |
| g) Flash point | None. |
| h) Evaporation rate | Not available. |
| i) Flammability (solid, gas) | Not available. |
| j) Upper/lower flammability or explosive limits | Upper (UEL): Not available. Lower (LEL): Not available. |
| k) Vapor pressure | <1.0 mmHg at 25°C (77°F) |
| l) Vapor density | Not available. |
| m) Relative density | 1.0 – 1.1 g/cm ³ at 25°C (77°F) |
| n) Water solubility | Soluble. |
| o) Partition coefficient: n-octanol/water | Not available. |
| p) Auto-ignition temp | Not available. |
| q) Decomposition temp | Not available. |
| r) Viscosity | >1.0 cP at 25°C (77°F) |

10. Stability and Reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under ordinary conditions of use and storage.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Contact with incompatible chemicals and exposure to extremely high temperatures.

10.5 Incompatible materials

Strong oxidizers, strong acids, acid chlorides, acid anhydrides, chloroformates, or strong reducing agents.

10.6 Hazardous decomposition products

No data available. In the event of fire, see section 5.

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion/ irritation

No data available.

Serious eye damage/eye irritation

No data available.

Suspected cancer agent

No component of this product present at levels greater than or equal to 0.1% is identified as carcinogenic by IARC, ACGIH, NTP, or OSHA.

Irritancy of product

This product may cause irritation to contaminated tissues.

Reproductive toxicity

This product is not reported to produce mutagenic, embryotoxic, teratogenic, or reproductive effects in humans.

12. Ecological Information

12.1 Ecotoxicity (aquatic and terrestrial)

This product may be harmful to aquatic life if large quantities are released into bodies of water.

12.2 Persistence and degradability

No data available.

12.3 Mobility in soil

No data available.

13. Disposal Considerations

13.1 Waste treatment methods

Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

14. Transport Information

UN Number: Not applicable.

UN Proper Shipping Name: Not applicable.

Packing Group: Not applicable.

IMDG

Not dangerous goods.

IATA

Not dangerous goods.

15. Regulatory Information

SARA Reporting Requirements

The components of this product are not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.

16. Other Information

Revision Date

February 18th, 2015

This SDS was prepared by Dynalene, Inc.

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