

MSDS Document

Product BOSS® 571 Evaporator Coil Cleaner

1. Chemical Product and Company Identification

Trade Name of this Product BOSS® 571 Evaporator Coil Cleaner

Synonyms: Coil Cleaners, 02391GN07, 57101

MSDS ID BOSS571

Manufacturer

Accumetric, LLC
350 Ring Road
Elizabethtown, KY 42701

Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 5/15/2005

| | |
|-------------|-----|
| Health: | 2 |
| Fire: | 0 |
| Reactivity: | 0 |
| Specific | ALK |

2. Composition and Information on Ingredients

| Ingredient | CAS Number | Weight % | ACGIH TLV | PEL | STEL |
|------------------------|-------------|---------------|-----------------|-------------|------|
| Butyl cellosolve | 111-76-2 | Proprietary % | 20 ppm | 50 ppm skin | |
| Sodium Hydroxide | 1310-73-2 | Proprietary % | 2 ppm | 2 mg/m | |
| Sodium Metasilicate | 6834-92-0 | Proprietary % | 2 ppm | | |
| Trisodium Phosphate | 7601-54-9 | Proprietary % | Not established | | |
| Nonylphenol Surfactant | Proprietary | Proprietary % | | | |

3. Hazard Identification

Symptoms of Exposure

Irritated eyes, skin, mucous membranes. If vapors are inhaled, could cause respiratory pain.

Existing Conditions Aggravated by Exposure

No known applicable information.

Note

The above listed potential effects are based on actual data, results of studies performed

upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for detailed toxicology information.

4. First Aid Information

Eye Contact

Immediately flush with water for 30 minutes.

Skin Contact

Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use. Get medical attention if irritation develops.

Inhalation

Remove patient to fresh air. Administer oxygen if breathing is difficult. Get medical attention if symptoms persist.

Ingestion

DO NOT INDUCE VOMITING. Seek immediate medical attention.

5. Fire Fighting Measures

Flash Point None

Auto-ignition Temperature

Not determined

Lower Explosive Limit

Not determined

Upper Explosive Limit

Not determined

Extinguishing Media

Carbon Dioxide, Dry Chemical, Foam, Water Spray

Special Fire Fighting Procedures

Not considered a primary fire hazard. With all chemical fires, use self-contained breathing apparatus.

Unusual Fire or Explosion Hazards

None known

6. Accidental Release Measures

Steps to be taken in case of spill or release

Contain spills with appropriate material to prevent entry into waterway or sewer. Wear all protective clothing as recommended in Section 8. Contain spill with absorbents and diking.

7. Handling and Storage

Handling

Wash hands after use. Use with adequate ventilation. Alkaline material - Protect skin as much as possible.

Storage

Do not allow to freeze. Keep containers closed.

8. Exposure Controls and Personal Protection

OSHA Permissible Exposure Limit

None established

ACGIH Threshold Limit Value

None established

Eye Protection

Use safety eye wear including safety glasses with side shields and chemical goggles where splashing may occur.

Skin Protection

If prolonged or repeated skin contact is likely, impervious gloves should be worn. Good personal hygiene practices should always be followed.

Respiratory Protection

For confined space or vapor/mist operations - NIOSH

Ventilation

General exhaust recommended

Other Precautions

Have emergency shower and eye wash available.

9. Physical and Chemical Properties

| | |
|----------------------------|---------------------------|
| Physical State | Liquid |
| Specific Gravity | 1.03 |
| Color/Appearance | Clear green |
| Odor | Slight ether odor |
| pH | 13 - 14 |
| Boiling/Cond. Point | 212F (aqueous solution) |
| Solubility | Soluble in water |
| Evaporation Rate | Less than n-Butyl acetate |
| Vapor Density | <1 (Air=1) |
| Vapor Pressure | < 1 mm Hg |

Note

The above information is not intended for use in preparing product specifications. Contact Accumetric LLC before writing specifications.

10. Stability and Reactivity

Chemical Stability

Stable

Hazardous Polymerization

Will not occur

Materials to Avoid / Incompatibility

Strong acids

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide

11. Toxicological Information

Carcinogen - IARC Program

Not listed

Carcinogen - NTP Program

Not listed

12. Ecological Information

Environmental Fate and Distribution

Complete information is not yet available.

Environmental Effects

Complete information is not yet available.

Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available.

13. Disposal Considerations

Waste Disposal Method

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

14. Transportation Information

Proper DOT Shipping Name

Corrosive liquids, basic, inorganic, n.o.s. (Sodium Metasilicate, Trisodium Phosphate)

DOT Hazard Classification
8/UN3266/PGII

15. Regulatory Information

The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA Title III Section 302 Extremely Hazardous Substances

None

SARA Title III Section 304 CERCLA Hazardous Substances

Sodium Hydroxide (1310-73-2)
Trisodium Phosphate (7601-54-9)

SARA Title III Section 313 Toxic Chemicals

None present or none present in regulated quantities.

California Proposition 65

This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm:
None known

New Jersey

Butyl Cellosolve (111-76-2)
Sodium Hydroxide (1310-73-2)

Pennsylvania

Butyl Cellosolve (111-76-2)
Sodium Hydroxide (1310-73-2)
Trisodium Phosphate (7601-54-9)

16. Other Information

Disclaimer

The data contained herein is based upon information that Accumetric LLC believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements to suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.