

MSDS Document

Product BOSS® 891 Hand Cleaner

1. Chemical Product and Company Identification

Trade Name of this Product BOSS® 891 Hand Cleaner

MSDS ID BOSS891

Manufacturer

Accumetric, LLC
350 Ring Road
Elizabethtown, KY 42701

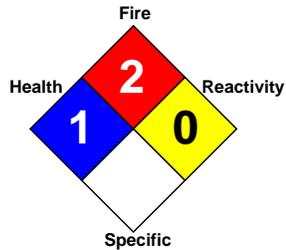
Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 1/16/2013



2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Petroleum distillates	64742-15-0	Proprietary %	100 ppm		
Amyl Acetate	628-63-7	Proprietary %	100 ppm	100 ppm	
Isopropanol	67-63-0	Proprietary %	400 ppm	400 ppm	500 ppm
Nonylphenol ethoxylate	26027-38-3	Proprietary %			

3. Hazard Identification

Eye Contact

Primary irritation and redness.

Ingestion

Swallowing may cause abdominal irritation, nausea, vomiting and diarrhea.

Note

The above listed potential effects of overexposure 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 the detailed toxicology information.

4. First Aid Information

Eye Contact

Immediately flush with large amounts of water. If irritation occurs, seek medical attention.

Ingestion

DO NOT INDUCE VOMITING. Seek immediate medical attention.

5. Fire Fighting Measures

Flash Point	120F
FP Method	PM COC

Extinguishing Media

Carbon Dioxide, Dry Chemical, Foam

Flammability Limits

0.8% by volume in air

Lower Explosive Limit

Not determined

Upper Explosive Limit

Not determined

Special Fire Fighting Procedures

Water spray ineffective on fire, may be used to cool container, will protect fire fighters. Handle as an oil fire. Use fog nozzles and self-contained breathers.

Unusual Fire or Explosion Hazards

Keep containers tightly closed. Isolate from oxidizers, heat, open flame.

6. Accidental Release Measures

Steps to be taken in case of spill or release

Mop up with absorbent material and dispose of in approved containers in accordance with local, state and federal regulations concerning health, safety and pollution.

7. Handling and Storage

Storage

Do not store above 49C/120F. Keep from freezing. Do not cut, weld, or braze on or around open containers.

8. Exposure Controls and Personal Protection

Eye Protection

Generally eye contact is unlikely with this type of material. If eye contact is likely, safety

glasses with side shields or chemical type goggles should be worn.

Respiratory Protection

No respiratory protection should be needed with good local ventilation.

9. Physical and Chemical Properties

Physical State	Thick, creamy
Specific Gravity	0.871
Density lbs/Gal.	7
Color/Appearance	Pink
Odor	Banana odor
pH	7.8
Boiling/Cond. Point	168F
Melting/Freezing Point	Not established
Solubility	Complete in water
Evaporation Rate	Not established
VOC %	332.95 g/L
Vapor Density	5.0 @ 20C
Vapor Pressure	15.8 mm Hg @ 20C

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

Product is stable, but conditions of excessive heat should be avoided.

Hazardous Polymerization

Will not occur under normal conditions.

Conditions To Avoid: Catalyst such as aluminum chloride. Product is not an oxygen donor.

Hazardous Decomposition

Carbon monoxide, carbon dioxide and nitrogen oxide vapors from burning,

Materials to Avoid

Isolate from strong oxidizers such as Permanganate.

Conditions to Avoid

Excessive heat should be avoided.

11. Toxicological Information

Carcinogenicity

This product is not known to be a carcinogen.

Component Toxicology Information

No known applicable information.

Special Hazard Information on Components

No known applicable information.

Note

d-Limonene is included on the Food and Drug Administration's Generally Recognized as Safe List.

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, but contains SARA regulated substances. 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

Road Shipment Information (DOT)

Not subject to DOT regulations.

Air Shipment (IATA)

Not subject to IATA regulations.

Ocean Shipment (IMDG)

Not subject to IMDG code.

15. Regulatory Information

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

TSCA Status

All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

SARA Title III Section 302 Extremely Hazardous Substances

None

SARA Title III Section 304 CERCLA Hazardous Substances

Amyl acetate (628-63-7)

SARA Title III Section 311/312

No components subject to 40 CFR 370

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

Amyl acetate (628-63-7)

Isopropanol (67-63-0)

Pennsylvania

Amyl acetate (628-63-7)

Isopropanol (67-63-0)

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 or 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.