

# Safety Data Sheet

## BOSS<sup>®</sup> 891 Hand Cleaner

### Section 1. Identification

Product Identifier BOSS<sup>®</sup> 891 Hand Cleaner

Synonyms 89115; 03758WH10A

Manufacturer Stock  
Numbers 03758WH10A

Recommended use Refer to Technical Information

Uses advised against Refer to Technical Information

Manufacturer Contact

Address

Soudal Accumetric  
350 Ring Road  
Elizabethtown, KY, 42701  
USA

Phone

(270) 769-3385

Emergency Phone

(800) 424-9300

CHEMTREC

Fax

(270) 765-2412

### Section 2. Hazards Identification

Classification

SERIOUS EYE DAMAGE /EYE IRRITATION - Category 2A

Signal Word

Warning

Pictogram



Hazard Statements

Causes serious eye irritation

## Precautionary Statements

|            |   |
|------------|---|
| Response   | If eye irritation persists: Get medical advice/attention.<br>If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| Prevention | Wash hands thoroughly after handling.<br>Wear eye protection/face protection.   |
| Storage    | N/A   |
| Disposal   | N/A   |

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Repeated exposure may aggravate pre-existing eye or respiratory conditions.

## Section 3. Ingredients

| CAS         | Ingredient Name  | Weight %  |
|-------------|--|-----------|
| 64742-47-8  | Distillates, petroleum, hydrotreated light             | 30% - 40% |
| Proprietary | Petroleum Distillates, solventrefined light paraffinic | 10% - 20% |
| 57-55-6     | Propylene glycol                                       | 1% - 5%   |
| 64366-70-7  | 2-Ethyl Hexanol EO-PO Nonionic Surfactant              | 1% - 5%   |

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First-Aid Measures

|  |   |
|--|---|
| General measures   | In case of an accident or if not feeling well after handling product, obtain medical attention immediately. Seek medical advice if symptoms persists. |
| Inhalation   | Remove person from source of exposure and get medical attention for any breathing difficulty.   |
| Ingestion  | DO NOT induce vomiting. Otherwise rinse mouth with water. Get immediate medical attention even if symptoms improve.                                   |
| Skin contact   | Get medical advice if irritation develops.  |
| Eye contact  | In case of eye contact, flush with water and get medical attention if needed.   |
| Most important symptoms and effects, both acute and delayed            | Prolonged or repeated contact may dry skin and cause irritation.<br>May cause eye irritation.   |
| Indication of immediate medical attention and special treatment needed | If exposed or otherwise concerned, seek medical attention.  |

## Section 5. Fire Fighting Measures

|   |  |
|---|--|
| Suitable Extinguishing Media                          | Use dry chemical powder, alcohol-resistant foam, or carbon dioxide. WaterSpray, butDO NOT use heavy or strong water stream, which may spread flames.                                   |
| Unsuitable Extinguishing Media                        | DO NOT use heavy or strong water stream, which may spread flames   |
| Special hazards arising from the substance or mixture | Flammable liquid and vapor<br>Not an explosion hazard under normal storage and use conditions<br>Nature of decomposition products not known  |
| Advice for firefighters                               | Exercise caution when fighting any chemical fire<br>Wear self-contained breathing apparatus for firefighting if necessary<br>In case of major fire, evacuate area, fight fire remotely |
| Further information                                   | Use water spray to cool unopened containers  |

## Section 6. Accidental Release Measures

|   |   |
|---|---|
| Personal precautions, protective equipment and emergency procedures | Avoid breathing vapors, mist or gas.<br>Remove all sources of ignition.<br>Beware of vapors accumulating in low areas to form explosive concentrations.<br>For personal protection see section 8. |
| Environmental precautions   | Prevent further leakage or spillage if safe to do so.<br>Do not let product enter drains.   |
| Methods and materials for containment and cleaning up               | Contain spillage.<br>Collect with an electrically protected vacuum cleaner or by wet-brushing.<br>Place in container for disposal according to local regulations (see section 13).                |
| Reference to other sections   | For exposure controls and personal see section 8.<br>For disposal see section 13.   |

## Section 7. Handling and Storage

|  |  |
|--|--|
| Precautions for safe handling                                | Avoid inhalation of vapor or mist.<br>Keep away from sources of ignition. NO SMOKING.<br>Take measures to prevent the build up of electrostatic charge.<br>For precautions see section 2.2.  |
| Conditions for safe storage, including any incompatibilities | Store in original Container.<br>Keep container tightly closed in a cool, dry and well-ventilated area.<br>Containers which are opened must be carefully resealed and kept upright to prevent leakage.<br>If leakage occurs, dispose of in accordance with Sec. 13. |
| Specific end use(s)  | Apart from the uses mentioned in section 1.2 no other specific uses are stipulated   |

## Section 8. Exposure Controls/Personal Protection

| Occupational Exposure Limits | Ingredient Name                            | ACGIH TLV | OSHA PEL | STEL |
|------------------------------|--|-----------|----------|------|
|                              | Distillates, petroleum, hydrotreated light | N/A       | N/A      | N/A  |

|  |     |     |     |
|--|-----|-----|-----|
| Petroleum Distillates, solventrefined light paraffinic | N/A | N/A | N/A |
| Propylene glycol                                       | N/A | N/A | N/A |
| 2-Ethyl Hexanol EO-PO Nonionic Surfactant              | N/A | N/A | N/A |

Personal Protective Equipment

Goggles, Gloves

Note

For substances listed in Section 3, that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency to include: ACGIH (TVL), NIOSH (REL), or OSHA (PEL).

Ingredients with workplace control parameters

Isopropyl alcohol (67-63-0)  
 ACGIH TWA (ppm) 200  
 ACGIH STEL (ppm) 400  
 NIOSH REL TWA (ppm) 400  
 NIOSH REL STEL (ppm) 500  
 OSHA OEL TWA (ppm) 400  
 US IDLH (ppm) 2000

NIOSH REL TWA (mg/m3) 980  
 NIOSH REL STEL (mg/m3) 1225  
 OSHA PEL TWA (mg/m3) 980

Triethanolamine (102-71-6)  
 ACGIH TWA (mg/m3) 5

Appropriate engineering controls

Emergency eye wash and shower stations should be in ready proximity of any potential exposure hazard.  
 Ensure adequate ventilation is maintained in use areas.  
 Ensure all National/State regulations are observed.  
 Use gas detectors where flammable gases may be released.  
 Use proper grounding methods to avoid static discharges.  
 Use explosion-proof equipment when necessary and appropriate.

Materials for protective clothing

Chemically resistant materials and fabrics.

Eye protection

Wear chemically resistant goggles or face shields.

Skin and body protection

Wear appropriate protective clothing.

Respiratory protection

Wear approved respiratory protection when:

- 1 - Exposure limits are exceeded
- 2 - Inhalation irritation is experienced
- 3 - If inadequate ventilation is apparent
- 4 - Where exposure limits are not readily known

Other information

DO NOT eat, drink or smoke when using product

## Section 9. Physical and Chemical Properties

|                |            |
|----------------|------------|
| Physical State | Semi-solid |
| Color          | N/A        |
| Odor           | Banana     |

|                                       |                   |
|---------------------------------------|-------------------|
| Odor Threshold                        | No data available |
| Solubility                            | No data available |
| Partition coefficient Water/n-octanol | No data available |
| VOC%                                  | N/A               |
| Viscosity                             | No data available |
| Specific Gravity                      | N/A               |
| Density lbs/Gal                       | N/A               |
| Pounds per Cubic Foot                 | N/A               |
| Flash Point                           | >200F             |
| FP Method                             | N/A               |
| pH                                    | 6.0 to 8.0        |
| Melting Point                         | No data available |
| Boiling Point                         | No data available |
| Boiling Range                         | N/A               |
| LEL                                   | N/A               |
| UEL                                   | N/A               |
| Evaporation Rate                      | No data available |
| Flammability                          | No data available |
| Decomposition Temperature             | No data available |
| Auto-ignition Temperature             | No data available |
| Vapor Pressure                        | No data available |
| Vapor Density                         | No data available |

**Note**

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

## **Section 10. Stability and Reactivity**

|                                    |  |
|------------------------------------|--|
| Reactivity                         | No data available                            |
| Chemical stability                 | Stable under recommended storage conditions. |
| Possibility of hazardous reactions | Vapors may form explosive mixture with air.  |
| Conditions to avoid                | Heat, flame and sparks                       |
| Incompatible materials             | Strong oxidizing agents                      |

Hazardous decomposition product None known

Other decomposition products No data available

In the event of fire See Section 5

## Section 11. Toxicological Information

Information on likely routes of exposure Inhalation  
Skin Contact  
Ingestion  
Eye Contact

Acute toxicity Not classified based on available information

Product toxicological information Acute oral toxicity estimate (calculation):  
>5000 mg/kg

Skin corrosion/irritation:  
May cause slight skin irritation, dryness

Eye sensitivity/irritation:  
May cause slight eye irritation

Respiratory sensitization:  
May cause skin irritation

Ingestion effects:  
May cause adverse reaction

Germ cell mutagenicity:  
Not classified

Carcinogenicity:  
Not classified

Reproductive toxicity:  
Not classified

Ingredient toxicological information Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-47-8)  
No known significant effects or critical hazards

Distillates, petroleum, solvent-refined light paraffinic (64741-89-5)  
LD50 Oral Rat >15 g/kg  
LD50 Dermal Rabbit >5 g/kg  
LC50 Inhalation Rat 2.18 mg/l/4hr

Oleic Acid (112-80-1)  
LD50 Oral Rat 25 g/kg

Isopropyl Alcohol (67-63-0)

LD50 Oral Rat 4710 mg/kg  
LD50 Dermal Rabbit 4059 mg/kg  
LC50 Inhalation Rat 72.6 mg/l/4hr  
IARC Carcinogenicity 3

Triethanolamine (102-71-6)  
LD50 Oral Rat 6400 mg/kg  
LD50 Dermal Rabbit >2000 mg/kg  
IARC Carcinogenicity 3

Poly(oxy-1,2-ethanediyl), alpha, -(4-nonylphenyl)-omega, -hydroxy-, branched  
(127087-87-0)  
LD50 Oral Rat 1310 mg/kg

SodiumSilicate (1344-09-8)  
LD50 Oral Rat 3400 mg/kg

## Section 12. Ecological Information

|                               |   |
|-------------------------------|---|
| Persistence and degradability | Not established   |
| Bioaccumulative potential     | Not established   |
| Ecotoxicity of ingredients    | Distillates, petroleum, solvent-refined light paraffinic (6474-2-47-8)<br>Toxicity: >=30 - <=50   |
|                               | Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics<br>(64741-89-5)<br>LC50 Fish 1 >5000 mg/l/96hr<br>EC50 Daphina 1 >1000 mg/l/48hr                                 |
|                               | Oleic Acid (112-80-1)<br>LC50 LC50 Fish 1 205 mg/l/96hr   |
|                               | Isopropyl Alcohol (67-63-0)<br>EC50 Daphina 1 13299 mg/l/96 hr<br>LC50 Fish 2 9640 mg/l/96hr<br>Bioaccumulative Potential: Log Pow = 0.05 (25C)                                       |
|                               | Triethanolamine (102-71-6)<br>LC50 Fish 1 10600 mg/l/96hr<br>ErC50 (algae) 169 mg/l<br>LC50 Fish 2 100 mg/l/96hr<br>Bioaccumulative Potential: Log Pow = 2.53 (25C), BCF Fish 1 = 3.9 |
|                               | Sodium silicate (1344-09-8)<br>LC50 Fish 1 301-478 mg/l/96hr<br>LC50 Fish 2 3185 mg/l/96hr<br>Bioaccumulative Potential: Log Pow = 2.53 (25C), BCF Fish 1 = none exp                  |
| Mobility in soil              | No information available  |
| Other adverse effects         | No information available  |

## Section 13. Disposal

|                                |   |
|--------------------------------|---|
| Waste disposal recommendations | Dispose of contents and containers in accordance with local, regional, national and international regulations.<br>Empty containers should be taken to an approved wastehandling site for recycling or disposal. |
| Additional information         | Handle empty containers with care because of the possibility of residual vapors being present.  |
| Ecology                        | Avoid release to the environment  |

## Section 14. Transport Information

|                         |   |
|-------------------------|---|
| UN Number               | N/A   |
| UN Proper Shipping Name | Not regulated when shipped in non-bulk packaging  |
| DOT Classification      | Not regulated when shipped in non-bulk packaging  |
| Packing Group           | Not regulated when shipped in non-bulk packaging  |
| IMDG: Non-Bulk          | Not regulated when shipped in non-bulk packaging. |
| IATA: Non-Bulk          | Not regulated when shipped in non-bulk packaging. |

## Section 15. Regulatory Information

|                      |   |
|----------------------|---|
| US State Regulations | <p>Petroleum distillates, Hydrotreated Light (64742-47-8)<br/>Osha Z<br/>New Jersey Right to know<br/>Pennsylvania Right to know</p> <p>Petroleum Distillates, solvent-refined light paraffinic (Proprietary) Massachusetts Right to know</p> <p>Propylene Glycol (57-55-6)<br/>New Jersey Right to know<br/>Pennsylvania Right to know</p> <p>2-Ethyl Hexanol EO-PO Nonionic Surfactant (64366-70-7)<br/>SARA 311/312 Immediate (acute) health hazard</p> <p>Isopropanol (67-63-0)<br/>Massachusetts Right to know<br/>New Jersey Right to know<br/>Pennsylvania Right to know<br/>Pennsylvania Environmental hazards list</p> <p>Butylated Hydroxytoluene (128-37-0)<br/>SARA 311/312 Acute Health Hazard<br/>Massachusetts Right to know</p> |
|----------------------|---|



New Jersey Right to know  
Pennsylvania Right to know  
Rhode Island Right to know

## California Prop 65

This product does not contain any chemicals known to the State of California to cause cancer, birth or any other reproductive defects. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Inventories

All materials Comply with the following inventories:

TSCA  
DSL/NDLS  
EINECS/ELINCS  
ENCS  
IECSC  
KECL  
PICCS  
AICS

# Section 16. Other Information

## Revision Date

9/12/2018

## Disclaimer

The data contained herein is based upon information that Soudal Accumetric 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.