SAFETY DATA SHEET
May be used to comply with JIS Z 7253:2012. Standards must be consulted for specific requirements.
Revision Date: 2019-01-07

1. IDENTIFICATION
Product Name: Statfree® Dissipative Spray Buff
Identified use: Dissipative spray buff solution
Company Identification: DESCO JAPAN Kabushiki Kaisha
661-1 YACHIMATA-HO
YACHIMATA-SHI	CHIBA-KEN 289-1115 JAPAN
Email Address: Service@DescoAsia.com
Emergency telephone number +81 43-309-4470
Office hours: 8:00 AM - 5:00 PM

2. HAZARDS IDENTIFICATION
GHS Classification
Skin Corrosion/Irritation Category 2
Serious eye damage/eye irritation Category 2
Skin sensitisation Category 1

GHS Label elements

Hazard pictograms/Symbols:

Signal word: WARNING
Hazard statements:
Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction.

Precautionary statements:
Prevention
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash hand thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.

Response
IF ON SKIN: wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.

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

3. COMPOSITION/INFORMATION ON INGREDIENTS
This product is a mixture.

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS No.</th>
<th>ENCS number</th>
<th>ISHL number</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret #000205MA104</td>
<td>Trade Secret</td>
<td>Trade Secret</td>
<td>Trade Secret</td>
<td>1 - 5%</td>
</tr>
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</table>
4. FIRST AID MEASURES
Description of first aid measures

General advice: First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Inhalation: Remove person to fresh air. If you feel unwell, get medical attention.
Skin Contact: In case of contact, immediately flush with plenty of water. If irritation occurs and persists, get medical attention.
Eye Contact: Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes. Obtain medical attention without delay, preferably from an ophthalmologist. Suitable emergency eye wash facility should be immediately available.

Ingestion: Rinse mouth. If you feel unwell, get medical attention.

Most important symptoms and effects, both acute and delayed
Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

Indication of any immediate medical attention and special treatment needed
Notes to physician: No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIREFIGHTING MEASURES
Extinguishing media
Suitable Extinguishing Media: The product is non-combustible. Dry chemical, CO2, water spray or regular foam
Unsuitable Extinguishing Methods: None known

Special hazards arising from the substance or mixture
Under fire conditions some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds.

Unusual Fire and Explosion Hazards: None known.

Advice for firefighters
Fire Fighting Procedures: Keep people away. Isolate fire and deny unnecessary entry. Contain fire water run-off if possible.
Special protective equipment for firefighters: Wear self-contained breathing apparatus and protective suit. If protective equipment is not available or not used, fight fire from a protected location or safe distance.

6. ACCIDENTAL RELEASE MEASURES
Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Keep people away from and upwind of spill/leak. Material can create slippery conditions.

Environmental precautions
CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Methods and materials for containment and cleaning up
Spill: Mop up spills immediately. Wet floor may present slip hazard.

7. HANDLING AND STORAGE
Precautions for safe handling
Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapors, mist or gas.
Conditions for safe storage, including any incompatibilities
Keep from freezing - product stability may be affected. For commercial and industrial use only.

Storage stability
Storage temperature: 1°C - 49°C (34°F - 120°F)
See SECTION 8, for types of ventilation required.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Control parameters
Exposure limits are listed below, if they exist.

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS No.</th>
<th>Regulation</th>
<th>Type of listing</th>
<th>Value/Notation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret #000205MA104</td>
<td>Trade Secret</td>
<td>AC/CIH</td>
<td>TWA</td>
<td>NE</td>
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<td></td>
<td></td>
<td>AC/CIH</td>
<td>STEL</td>
<td>NE</td>
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<tr>
<td></td>
<td></td>
<td>OSHA Z-1</td>
<td>TWA</td>
<td>15 mg/m3</td>
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</tbody>
</table>

Exposure controls

Technical Control: Use local exhaust, or other technology solutions to keep air levels below given or recommended limit values. If limit values are not present, good general ventilation should be sufficient. Local exhaust may be required in some operations.

Individual protection measures

Eye/face Protection
Use chemical safety goggles.

Skin Protection
No precautions other than clean body covering clothing should be needed.

Hand Protection
Chemical protective gloves is not needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized.
In case of using gloves, use gloves chemically resistant to this material.
Examples of preferred glove barrier materials include: Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"), Polyvinyl chloride ("PVC" or "vinyl"). Avoid gloves made of: Polyvinyl alcohol ("PVA").

Respiratory Protection
Respiratory protection should be worn as there is a risk of exposure above given or recommended Occupational Exposure Limits. If such limit values are not present, respiratory protection will cause effects such as respiratory irritation or discomfort, or when risk assessment indicates that this is required. Under most conditions, no respiratory protection should be required; If discomfort is experienced, use an approved respiratory protective device.

Hygiene measures
Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance: Liquid.
Color: Clear green
Odor: No odor.
Odor Threshold: No data available
pH: 6.5 - 7.5
Melting Point: No data available.
Boiling Point: 212°F (100°C)
Flash Point: No data available
Evaporation rate: No data available
Flammability: Not Applicable
Upper flammability or explosive limits: Not Applicable
Lower flammability or explosive limits: Not Applicable
Vapor Pressure (mm Hg): No data available
Vapor Density (air=1): No data available
Relative Density: No data available
Specific Gravity (H2O = 1): 1.0 - 1.2
Water Solubility: Soluble
Partition coefficient: No data available
Auto-ignition temperature: Not Applicable
Decomposition temperature: No data available
Viscosity: No data available
Explosive properties: No data available
Oxidizing properties: No data available

Other information
VOC 0.125% (1.305 g/L)*
*Per Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Section 94508.

10. STABILITY AND REACTIVITY
Reactivity: No dangerous reaction known under conditions of normal use.

Chemical stability: Stable product at normal conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Temperatures above 100°F (38°C) and below 34°F (1°C)

Incompatible materials: Strong oxidizing agents. Strong acids.

Hazardous decomposition products: Thermal decomposition may yield carbon monoxide.

11. TOXICOLOGICAL INFORMATION
Information on toxicological effects

Acute Toxicity

Acute oral toxicity Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. Based on information for component(s): LD50, Rat, > 2,000 mg/kg Estimated.

Acute dermal toxicity Prolonged skin contact is unlikely to result in absorption of harmful amounts. Based on information for component(s): LD50, Rabbit, > 2,000 mg/kg Estimated.

Acute inhalation toxicity Brief (minutes) exposure to vapor, mist or dust is not likely to cause adverse effects. The LC50 has not been determined.

Skin corrosion/irritation
Brief contact may cause skin irritation with local redness.

Serious eye damage/eye irritation
May cause eye irritation. May cause corneal injury.

Sensitization
For respiratory sensitization: No relevant data found.

Specific Target Organ Systemic Toxicity (Single Exposure)
Evaluation of available data suggests that this material is not an STOT-SE toxicant.

Specific Target Organ Systemic Toxicity (Repeated Exposure)
No relevant data found.

Carcinogenicity
No relevant data found.

Teratogenicity
No relevant data found.

Reproductive toxicity
No relevant data found.
Mutagenicity
No relevant data found.

Aspiration Hazard
No relevant data found.

COMPONENTS INFLUENCING TOXICOLOGY:

Trade Secret #000205MA104

Acute oral toxicity
LD50, Rat, > 710 mg/kg

Acute dermal toxicity
LD50, Rat, > 2000 mg/kg

Acute inhalation toxicity
LC50, Rat, > 5.53 mg/L/4 hr

Skin corrosion/irritation
Rabbit, Irritating

Serious eye damage/eye irritation
Rabbit, Moderately Irritating

Sensitization
Negative in Buehler Test

Specific Target Organ Systemic Toxicity (Single Exposure)
Oral NOAEL* = 3.05 mg/kg
Inhalation NOAEL = 0.00269

*NOAEL = No Observed Adverse Effect Level

12. ECOLOGICAL INFORMATION

Ecotoxicological information appears in this section when such data is available.

Toxicity

Trade Secret #000205MA104

Acute toxicity to fish
LC50, Oncorhynchus mykiss (rainbow trout), 158 mg/L/96 hr, NOEC Pimephates promelas (fathead minnow) 1.2 mg/L (OECD 210)

Acute toxicity to aquatic invertebrates
EC50 Daphnia magna 249 mg/L/48 hr; MPEC Daaphnia magna 4 mg/L/21 day (OECD 211 - similar substance)

Acute toxicity to algae/aquatic plants
ErC50 Pseudokirchneriella subcapitata (green algae) 400 mg/L/72 hr, NOEC 25 mg/L (OECD 201)

Persistence and degradability
Not applicable.

Bioaccumulative potential
Bioaccumulation is unlikely.

Mobility in soil
Trade Secret #000205MA104
Log Pow = -2.66

13. DISPOSAL CONSIDERATIONS

Disposal methods
Product
Coagulate the product by the stepwise of Ferric Chloride and Lime. Remove the clear supernatant liquid and flush to a chemical sewer. Incinere the solids and the contaminated material according to local and federal regulations.

14. TRANSPORT INFORMATION

DOT (Department of Transportation) Not regulated for transport
Classification for SEA transport (IMO-IMDG) Not regulated for transport
Consult IMO regulations before transporting ocean bulk.
Classification for AIR transport (IATA/ICAO) Not regulated for transport

DESCO INDUSTRIES INC - 3651 Walnut Avenue, Chino, CA 91710 • (909) 627-8178 • Website: DescoIndustries.com
15. REGULATORY INFORMATION

Japan Fire Service Law
NOT REGULATED

Industrial Safety and Health Law
Japan. Industrial Safety & Health Law (ISHL) List All components of this product are in compliance with ISHL (Japan, Industrial Safety and Health Law) inventory rules.
Hazardous substance NOT REGULATED
Ordinance on Specified Chemical Hazard Prevention. NOT REGULATED
Ordinance on Organic Solvent Poison Prevention NOT REGULATED
Display Chemical NOT REGULATED
SDS required chemical NOT REGULATED

PRTR Law
NOT REGULATED

Poisonous and Deleterious Substance Control Law
NOT REGULATED

Japan. ENCS - Existing and New Chemical Substances Inventory (ENCS)
All intentional components are listed on the inventory, are exempt, or are supplier certified.

16. OTHER INFORMATION

HMIS RATING
Health 1, Reactivity 0, Flammability 0, Personal Protection B

NFPA RATING
Special Hazard: N/A, Health: 1, Flammability: 0, Instability: 0

SDS Updated
2019-01-07

Legend

<table>
<thead>
<tr>
<th>STEL</th>
<th>Short-term Exposure Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWA</td>
<td>Time Weighted Average</td>
</tr>
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Disclaimer

OTHER INFORMATION: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company’s knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user’s responsibility to satisfy himself as to the suitableness and completeness of such information for his own particular use.