

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
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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.

Components	CAS No.	ENCS number	ISHL number	Classification
Trade Secret #000205MA104	Trade Secret	Trade Secret	Trade Secret	1 - 5%

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, CO ₂ , 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.

Components	CAS No.	Regulation	Type of listing	Value/Notation
Trade Secret #000205MA104	Trade Secret	ACGIH ACGIH OSHA Z-1	TWA STEL TWA	NE NE 15 mg/m3

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 exhaustion 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 (H ₂ O = 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

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Acute toxicity to fish

LC50, *Oncorhynchus mykiss* (rainbow trout), 158 mg/L/96 hr, NOEC *Pimephales 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

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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. Incinerate 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

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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

STEL	Short-term Exposure Limit
TWA	Time Weighted Average

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 suitability and completeness of such information for his own particular use.