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Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name SteamWay Spotter RB
Swisher number 1158
Reference number 1158CP1.25 1158CPH2.5
Distributor number

Recommended use Stain remover

Distributor Steam Way International, LLC
1625 KDC Lane - PO Box 514
Jackson, WY 83001

Company Emergency Phone Number
800-447-8326

Chemical Emergency Phone Number
INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

WARNING

Emergency Overview

- Severe eye irritation
Irritating to skin
Harmful by inhalation
Harmful if swallowed
Environmental hazard

Appearance White powder

Physical state Powder.

Odor Pungent



OSHA Regulatory Status This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Potential Health Effects
Principle Routes of Exposure Ingestion, Inhalation, Eye Contact, Skin Contact

Acute toxicity
Eyes Severely irritating to eyes
Skin Irritating to skin May be harmful in contact with skin
Inhalation Irritating to respiratory system
Ingestion May cause severe gastrointestinal irritation with nausea, vomiting, cramps & diarrhea

Chronic Effects	May produce an allergic reaction
Aggravated Medical Conditions	Chemical allergies Pre-existing eye, skin and respiratory disorders
Environmental hazard	Harmful to aquatic organisms

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS-No	Weight %
Sodium metabisulfite	7681-57-4	> 99%

4. FIRST AID MEASURES

General advice	Show this safety data sheet to the doctor in attendance May cause severe allergic respiratory reaction
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes
Inhalation	Move to fresh air. Get medical attention immediately Symptoms may develop after several hours If breathing is irregular or stopped, administer artificial respiration
Ingestion	Rinse mouth DO NOT induce vomiting. Give large amounts of water if victim is conscious. Never give anything by mouth to an unconscious person. Get medical attention immediately
Notes to physician	Treat symptomatically Symptoms may be delayed
Protection of First-aiders	Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable
Flash point	Not determined.
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
Unsuitable Extinguishing Media	Use water spray only to cool containers
Hazardous Combustion Products	Sulfur oxides
Explosion Data	
Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.
Specific hazards arising from the chemical	Thermal decomposition can lead to release of irritating gases and vapors

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

NFPA	Health Hazard 2	Flammability 0	Stability 0	Physical and chemical hazards -
HMIS	Health Hazard 2	Flammability 0	Physical Hazard 0	Personal protection -

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid contact with skin, eyes and clothing Use personal protective equipment Ensure adequate ventilation Avoid dust formation
Environmental precautions	Recover the product in solid form, if possible.
Methods for Containment	Contain spill with inert, non-combustible materials.
Methods for cleaning up	Sweep up spilled material taking care not to produce dust Keep in suitable and closed containers for disposal

7. HANDLING AND STORAGE

Advice on safe handling	Do not eat, drink or smoke when using this product Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water
Technical measures/Storage conditions	Keep out of the reach of children Store in a cool, dry, well-ventilated area away from incompatible substances

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines Review Section 3 & 4 for Exposure Guidelines.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium metabisulfite 7681-57-4	TWA: 5 mg/m ³		TWA: 5 mg/m ³

NIOSH IDLH: Immediately Dangerous to Life or Health

Engineering Measures Ensure adequate ventilation and that running water is available for washing eyes and skin

Personal Protective Equipment Institutional Environment

Eye/Face Protection	See recommendations for Industrial Environment.
Consumer Environments	Care should be taken to avoid Eye contact.
Skin and body protection	Rubber gloves
Respiratory protection	See recommendations for Industrial Environment.
Hygiene measures	Practice good personal hygiene. Wash after handling.

Personal Protective Equipment Industrial Environment

Eye/Face Protection	Splash-proof chemical goggles or face shield.
Skin and body protection	Wear appropriate chemical resistant clothing and chemical resistant gloves
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
Hygiene measures	Do not eat, drink or smoke when using this product Practice good personal hygiene. Wash after handling

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Powder	Odor	Pungent
Appearance	White powder		
Color	white		

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Methods</u>
pH	4.3	± 0.5 @1%	
Melting/freezing point		No data available	
Freezing Point		No data available	
Boiling point/boiling range		No information available	
Flash Point		Not flammable	
Evaporation rate		No information available	
Flammability (solid, gas)		No information available	
Flammability Limits in Air		No information available	
upper flammability limit			
lower flammability limit			
Explosion Limits			
upper			
lower			
Vapor pressure		No information available	
Vapor density		No information available	
Specific Gravity		No information available	
Water solubility	Decomposes slowly on exposure to water	Completely soluble.	
			150 °C

9.2 Other information

VOC Content(%)	None.
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10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions Decomposes slowly on exposure to water Decomposes on heating
Incompatible products	Strong oxidizing agents Strong acids
Conditions to Avoid	Heating can release hazardous gases
Hazardous Decomposition Products	Sulfur oxides
Hazardous Polymerization	Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product Information	Harmful if swallowed Harmful by inhalation
Inhalation	Irritating to respiratory system.
Eye contact	Severely irritating to eyes

Skin contact Irritating to skin

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea Ingestion may cause rapid evolution of gas and thus distention of esophagus or stomach

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium metabisulfite	1131 mg/kg (Rat)	2 g/kg (Rat)	

Chronic toxicity

Chronic toxicity May produce an allergic reaction

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen

Chemical Name	ACGIH	IARC	NTP	OSHA
Sodium metabisulfite		Group 3		

IARC: (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

Sensitization Will cause an allergic reaction in individuals sensitive to sulfites.

Target Organ Effects None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic organisms

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Sodium metabisulfite	40: 96 h Desmodesmus subspicatus mg/L EC50 48: 72 h Desmodesmus subspicatus mg/L EC50	32: 96 h Lepomis macrochirus mg/L LC50 static	EC50 = 56 mg/L 17 h	89: 24 h Daphnia magna Straus mg/L EC50

Chemical Name	log Pow
Sodium metabisulfite	0

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements

Contaminated packaging Do not re-use empty containers

14. TRANSPORT INFORMATION

DOT	Not regulated
Proper shipping name	Sodium Metabisulfite

15. REGULATORY INFORMATION

International Inventories

TSCA	TSCA
DSL	Complies
NDSL	Complies
EINECS	Complies
ELINCS	-
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

TSCA - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	no
Fire Hazard	no
Sudden Release of Pressure Hazard	no
Reactive Hazard	no

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product contains substances regulated by state right-to-know regulations.

International Regulations**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Prepared By	Daley International 4100 West 76th Street Chicago, IL 60652	Issuing date	29-Nov-2012	Revision Date	29-Nov-2012
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Revision Note Initial Release.

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

Safety Data Sheet