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Version 3

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name Daley SafeGuard General Spotter

Other means of identification

Product Code 3104

Document 3104CG1-4/ 3104C1Q12

Recommended use of the chemical and restrictions on use

Recommended use General Purpose Spotter

Details of the supplier of the safety data sheet

Distributor

Daley International
 4100 W. 76th Street,
 Chicago, IL 60652

Emergency telephone number

24 Hour Emergency Phone Number CHEMTREC: 1-800-424-9300 (NORTH AMERICA)
 1-703-527-3887 (INTERNATIONAL)

Company Phone Number 773-284-6565

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|-----------------------------------|------------|
| Serious eye damage/eye irritation | Category 2 |
|-----------------------------------|------------|

Label elements

Emergency Overview

Warning

Hazard Statements

Causes serious eye irritation



Appearance Transparent

Physical state Liquid

Odor Floral

Precautionary Statements - Prevention

- Wash face, hands and any exposed skin thoroughly after handling
- Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

- IF exposed or concerned: 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
- IF ON SKIN: Wash with plenty of soap and water
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Precautionary Statements - Storage

Store in a well-ventilated place

Precautionary Statements - Disposal

Dispose of contents/container to approved disposal facility

Hazards not otherwise classified (HNOC)**Other information**

Unknown Acute Toxicity

0.2% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS**Substance**

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

| Chemical Name | CAS-No | Weight-% | Trade Secret |
|-------------------------------------|------------|----------|--------------|
| Isopropyl alcohol | 67-63-0 | 1% - 5% | * |
| Dipropylene glycol monomethyl ether | 34590-94-8 | 1% - 5% | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**First aid measures for different exposure routes**

| | |
|-----------------------------------|---|
| General advice | Show this safety data sheet to the doctor in attendance. |
| Eye contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately. |
| Skin contact | Remove any contaminated clothing and wash before re-use. Wash with water for 10-15 minutes. |
| Inhalation | If qualified give oxygen or artificial respiration as needed. |
| Ingestion | Do not induce vomiting unless directed by a physician. If conscious and alert, give two glasses of water. Seek medical attention immediately. |
| 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. |

Most important symptoms/effects, acute and delayed

Main Symptoms The most important known symptoms and effects are described in the labelling in section 2 and/or in section 11.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide (CO₂). Dry chemical. Alcohol-resistant foam.

Unsuitable Extinguishing Media This product contains alcohols which will reduce the effectiveness of normal foam. Use alcohol-resistant foam instead.

Specific hazards arising from the chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation. Avoid contact with the skin and the eyes. Use personal protective equipment. Remove all sources of ignition.

Environmental precautions

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information.

Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Contain spill. Mop up. Rinse residue with water.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water. Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes. Wear personal protective equipment. Ensure adequate ventilation.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions Keep container in cool well-ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children.

Incompatible products Acids. Oxidizers .

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines Review Section 3 & 4 for Exposure Guidelines.

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|-------------------|---------------|--------------|----------------|
| Isopropyl alcohol | STEL: 400 ppm | TWA: 400 ppm | IDLH: 2000 ppm |

| | | | |
|---|-------------------------------|--|---|
| 67-63-0 | TWA: 200 ppm | TWA: 980 mg/m ³ | TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³ |
| Dipropylene glycol monomethyl ether 34590-94-8 | STEL: 150 ppm TWA: 100 ppm | TWA: 100 ppm TWA: 600 mg/m ³ S* | IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m ³ STEL: 150 ppm STEL: 900 mg/m ³ |

NIOSH IDLH: Immediately Dangerous to Life or Health

Appropriate engineering controls

Engineering Measures Ensure adequate ventilation, especially in confined areas
Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses with side-shields.

Skin and body protection Rubber 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

Physical and chemical properties

| | | | |
|--|--------------------------|---------------------|--------------------------|
| Physical state | Liquid | Odor | Floral |
| Appearance | Transparent | Odor Threshold | No information available |
| Color | Clear Liquid | | |
| Property | Values | Remarks • Methods | |
| pH | 8.0 +/- 0.5 | | |
| Melting/freezing point | No information available | | |
| Boiling point/boiling range | 100 °C / 212 °F | Estimated | |
| Flash Point | > 59 °C / > 138 °F | TCC | |
| Evaporation rate | About the same as water | Similar to water | |
| Flammability (solid, gas) | No information available | | |
| Flammability Limits in Air | | | |
| Upper flammability limit | No information available | | |
| Lower flammability limit | No information available | | |
| Vapor pressure | NE | | |
| Vapor density | NE | | |
| Relative density | 0.998 +/- 0.005 | | |
| Water solubility | Completely soluble. | Completely soluble. | |
| Solubility in other solvents | No information available | | |
| Partition coefficient: n-octanol/water | No information available | | |
| Autoignition temperature | No information available | | |
| Decomposition temperature | No information available | | |
| Viscosity, kinematic | No information available | | |
| Viscosity, dynamic | No information available | | |
| Explosive properties | No information available | | |
| Oxidizing Properties | No information available | | |
| Other information | | | |
| Softening point | N/A | | |
| Molecular Weight | N/A | | |

VOC Content(%) < 10 %
 Density VALUE N/A
 Bulk Density VALUE N/A

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Heat, flames and sparks.

Incompatible Materials

Acids. Oxidizers

Hazardous Decomposition Products

On burning carbon monoxide and dioxide.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Causes serious eye irritation

Inhalation

Vapors may irritate throat and respiratory system. May cause central nervous system depression with nausea, headache, dizziness, and incoordination.

Eye contact

Severely irritating to eyes.

Skin contact

Prolonged contact may cause redness and irritation.

Ingestion

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

| Chemical Name | Oral LD50 | Dermal LD50 | LC50 Inhalation |
|--|----------------------|-------------------------|---------------------------------------|
| Isopropyl alcohol 67-63-0 | = 1870 mg/kg (Rat) | = 4059 mg/kg (Rabbit) | = 72600 mg/m ³ (Rat) 4 h |
| Dipropylene glycol monomethyl ether 34590-94-8 | = 5230 mg/kg (Rat) | = 9500 mg/kg (Rabbit) | - |

Information on toxicological effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization

No information available.

Mutagenic effects

No information available.

Carcinogenicity

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

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|------------------------------|-------|---------|-----|------|
| Isopropyl alcohol 67-63-0 | - | Group 3 | - | - |

IARC: (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive toxicity

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Chronic toxicity

No known effect based on information supplied.

Target Organ Effects

Central nervous system.

Aspiration hazard

No information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity

0.2% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

Oral LD50 46,015.00 mg/kg
Dermal LD50 94,797.00 mg/kg
Mist 208.33 mg/l

12. ECOLOGICAL INFORMATION**Ecotoxicity**

76.57% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|---|---|--|-------------------------------------|
| Isopropyl alcohol 67-63-0 | 1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50 | 11130: 96 h Pimephales promelas mg/L LC50 static 1400000: 96 h Lepomis macrochirus µg/L LC50 9640: 96 h Pimephales promelas mg/L LC50 flow-through | 13299: 48 h Daphnia magna mg/L EC50 |
| Dipropylene glycol monomethyl ether 34590-94-8 | - | 10000: 96 h Pimephales promelas mg/L LC50 static | - |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

| Chemical Name | Partition coefficient |
|---|-----------------------|
| Isopropyl alcohol 67-63-0 | 0.05 |
| Dipropylene glycol monomethyl ether 34590-94-8 | -0.064 |

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS**Waste treatment****Waste Disposal Methods**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name | California Hazardous Waste Status |
|------------------------------|-----------------------------------|
| Isopropyl alcohol 67-63-0 | Toxic Ignitable |

14. TRANSPORT INFORMATION**DOT**

Proper shipping name

Not regulated
Cleaning Compound, Not Regulated

15. REGULATORY INFORMATION

International Inventories

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

Legend:

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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| Chemical Name | SARA 313 - Threshold Values % |
|-----------------------------|-------------------------------|
| Isopropyl alcohol - 67-63-0 | 1.0 |

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 contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

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.

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|--|------------|---------------|--------------|
| Isopropyl alcohol 67-63-0 | X | X | X |
| Dipropylene glycol monomethyl ether 34590-94-8 | X | - | X |

16. OTHER INFORMATION

| | | | | |
|-------------|------------------|----------------|--------------------|---------------------------------|
| <u>NFPA</u> | Health Hazards 1 | Flammability 0 | Instability 0 | Physical and chemical hazards - |
| <u>HMIS</u> | Health hazard 1 | Flammability 0 | Physical hazards 0 | Personal protection X |

Prepared By

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4100 West 76th Street
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Revision Note

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Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet