



SAFETY DATA SHEET

Issuing date 26-Oct-2012

Revision Date 28-Aug-2015

Version 3

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

Product identifier

Product name Daley Super Spray Lok

Other means of identification

Product Code 4225
Document 4225CG1-4/ 4225CG5/ 4225CG55

Recommended use of the chemical and restrictions on use

Recommended use Multi purpose floor polish

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)

| | |
|-----------------------|-------------|
| Reproductive toxicity | Category 1B |
|-----------------------|-------------|

Label elements

Emergency Overview

Danger

Hazard Statements

May damage fertility or the unborn child



Appearance Opaque

Physical state Liquid

Odor Slight amine

Precautionary Statements - Prevention

- Obtain special instructions before use
- Do not handle until all safety precautions have been read and understood
- Use personal protective equipment as required

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 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 locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

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

Unknown Acute Toxicity

22.717% 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 |
|-------------------|---------|---------------|--------------|
| Dibutyl phthalate | 84-74-2 | 0.10% - 0.15% | * |

*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 | Flush with water for 10-15 minutes. If symptoms persist, call a physician. |
| Skin contact | Wash with water for 5-10 minutes. Remove any contaminated clothing and wash before reuse. If condition persist, Consult a physician. |
| Inhalation | Remove to fresh air. Seek medical attention if symptoms persist. |
| Ingestion | Do NOT induce vomiting. Drink plenty of water to dilute stomach. Get medical attention. |
| 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

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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.

Hazardous Combustion Products Carbon monoxide.

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.

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 Mop up and rinse with plenty of water.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Keep from freezing. KEEP OUT OF REACH OF CHILDREN. 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.

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 Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines Review Section 3 & 4 for Exposure Guidelines.

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|-------------------|--------------------------|--------------------------|------------------------------|
| Dibutyl phthalate | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ | IDLH: 4000 mg/m ³ |

| | | |
|---------|--|--------------------------|
| 84-74-2 | | TWA: 5 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 | Splash-proof chemical goggles or face shield. |
| 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 | Slight amine |
| Appearance | Opaque | Odor Threshold | No information available |
| Color | White | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Methods</u> |
|---|--------------------------|--------------------------|
| pH | 8.5 +/- 0.5 | |
| Melting/freezing point | No information available | |
| Boiling point/boiling range | 100 °C / 212 °F | Estimated |
| Flash Point | NA | 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 | 1.033 +/- 0.005 | |
| Water solubility | Emulsifies | |
| 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 | not applicable | |

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

Extremes of temperature and direct sunlight.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

| | |
|----------------------------|--|
| Product Information | May damage fertility or the unborn child |
| Inhalation | Inhalation of vapors in high concentration may cause irritation of the respiratory system. |
| Eye contact | May cause irritation. |
| 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 |
|------------------------------|----------------------|-----------------------|--------------------------|
| Dibutyl phthalate 84-74-2 | = 6300 mg/kg (Rat) | > 20 mL/kg (Rabbit) | > 15.68 mg/L (Rat) 4 h |

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 | May cause genetic defects. |
| Carcinogenicity | No information available. |
| Reproductive toxicity | May damage fertility or the unborn child. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Chronic toxicity | Avoid repeated exposure. |
| Aspiration hazard | No information available. |

Numerical measures of toxicity - Product Information

| | |
|---|--|
| Unknown Acute Toxicity | 22.717% 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 | 19,187.00 mg/kg |
| Dermal LD50 | 46,123.00 mg/kg |
| Mist | 62.75 mg/l |

12. ECOLOGICAL INFORMATION**Ecotoxicity**

23.286% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|------------------------------|--|--|---|
| Dibutyl phthalate 84-74-2 | 0.4: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 1.2: 72 h Desmodosmus subspicatus mg/L EC50 | 1.24 - 5.3: 96 h Oncorhynchus mykiss mg/L LC50 static 1.38 - 1.74: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.31 - 5.45: 96 h Pimephales promelas mg/L LC50 static 1.24: 96 h Oncorhynchus mykiss mg/L LC50 | 2.99: 48 h Daphnia magna mg/L EC50 Static 3.4: 48 h Daphnia magna mg/L EC50 |

| | | | |
|--|--|---|--|
| | | flow-through 0.71 - 1.2: 96 h Pimephales promelas mg/L LC50 flow-through 0.42 - 1.28: 96 h Lepomis macrochirus mg/L LC50 static | |
|--|--|---|--|

Persistence and degradability

No information available.

Bioaccumulation

No information available.

| Chemical Name | Partition coefficient |
|------------------------------|-----------------------|
| Dibutyl phthalate 84-74-2 | 5.38 |

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.

US EPA Waste Number

This is a Commercial Chemical Product under 40 CFR 261. Any listed hazardous waste chemicals are not the sole active ingredient of the product, and thus the product is not considered a listed waste.

| Chemical Name | RCRA | RCRA - Basis for Listing | RCRA - D Series Wastes | RCRA - U Series Wastes |
|------------------------------|------|-----------------------------------|------------------------|------------------------|
| Dibutyl phthalate 84-74-2 | U069 | Included in waste stream: F039 | - | U069 |

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 % |
|-----------------------------|-------------------------------|
| Dibutyl phthalate - 84-74-2 | 1.0 |

SARA 311/312 Hazard Categories

| | |
|--|-----|
| Acute Health Hazard | no |
| Chronic Health Hazard | Yes |
| 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):

| Chemical Name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Dibutyl phthalate 84-74-2 | 10 lb | X | X | X |

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):

| Chemical Name | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ |
|------------------------------|--------------------------|------------------------------------|--|
| Dibutyl phthalate 84-74-2 | 10 lb | - | RQ 10 lb final RQ RQ 4.54 kg final RQ |

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

This product contains the following Proposition 65 chemicals:

| Chemical Name | California Prop. 65 |
|-----------------------------|---|
| Dibutyl phthalate - 84-74-2 | Developmental Female Reproductive Male Reproductive |

U.S. State Right-to-Know Regulations

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

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|------------------------------|------------|---------------|--------------|
| Dibutyl phthalate 84-74-2 | X | X | X |

16. OTHER INFORMATION

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

Prepared By Daley International

4100 West 76th Street
Chicago, IL 60652
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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