

# Safety Data Sheet



# DALEY™

Issuing date 27-Nov-2012

Revision Date 27-Jun-2013

Version 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** Daley Orange Blossom

**Product number** 1020  
**Reference number** 1020C2.5I 1020CG1-4 1020CG30 1020CG5 1020CG55  
**Distributor number**

**Recommended use** Floor Cleaner

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

**Company Emergency Phone Number**  
773-284-6565

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

## 2. HAZARDS IDENTIFICATION

### WARNING

**Emergency Overview**  
May be harmful if swallowed  
Irritating to eyes and skin

**Appearance** Clear Liquid

**Physical state** Liquid

**Odor** Citrus

**OSHA Regulatory Status** While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product

### Potential Health Effects

**Principle Routes of Exposure** Ingestion, Inhalation, Eye Contact, Skin Contact

### Acute toxicity

**Eyes**

Irritating to eyes

**Skin**

May be irritating to skin

**Inhalation**

Inhalation of high concentration levels may cause nose, throat and respiratory tract irritation

**Ingestion**

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

### Chronic Effects

No known effect based on information supplied

### Aggravated Medical Conditions

Eye and skin allergies.

### Environmental hazard

See Section 12 for additional Ecological Information

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### 4. FIRST AID MEASURES

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
<b>Skin contact</b>	Wash skin with soap and water
<b>Inhalation</b>	Move to fresh air
<b>Ingestion</b>	Do not induce vomiting unless directed by a physician. If conscious and alert, give two glasses of water. Seek medical attention immediately.
<b>Notes to physician</b>	Treat symptomatically

#### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Not flammable			
<b>Flash point</b>	Not determined.			
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment			
<b>Hazardous Combustion Products</b>	Carbon monoxide Sulfur oxides Nitrogen oxides (NOx)			
<u>Explosion Data</u>				
<b>Sensitivity to Mechanical Impact</b>	None.			
<b>Sensitivity to Static Discharge</b>	None.			
<b>Protective Equipment and Precautions for Firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear			
<b>NFPA</b>	Health Hazard 1	Flammability 0	Stability 0	Physical and chemical hazards -
<b>HMIS</b>	Health Hazard 1	Flammability 0	Physical Hazard 0	Personal protection -

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Ensure adequate ventilation Avoid contact with eyes
<b>Environmental precautions</b>	Keep out of waterways. This product can be safely flushed into a sanitary sewer that leads to a wastewater treatment plant.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so
<b>Methods for cleaning up</b>	Mop up & flush to sanitary sewer with plenty of water. Floors may be slippery. Use care to avoid falls.

#### 7. HANDLING AND STORAGE

<b>Advice on safe handling</b>	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.
<b>Technical measures/Storage conditions</b>	Keep tightly closed in a dry and cool place Keep out of the reach of children Store away from incompatible materials.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure Guidelines</b>	Review Section 3 & 4 for Exposure Guidelines.
<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas
<b>Personal Protective Equipment Institutional Environment</b>	
<b>Eye/Face Protection</b>	Safety glasses are suggested when using this product in heavy use and institutional environments.
<b>Consumer Environments</b>	Care should be taken to avoid Eye contact.
<b>Skin and body protection</b>	Rubber gloves
<b>Respiratory protection</b>	Unnecessary in open institutional environment.
<b>Hygiene measures</b>	Practice good personal hygiene. Wash after handling.

### Personal Protective Equipment Industrial Environment

<b>Eye/Face Protection</b>	Splash-proof chemical goggles or face shield.
<b>Skin and body protection</b>	Rubber gloves
<b>Respiratory protection</b>	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.
<b>Hygiene measures</b>	Do not eat, drink or smoke when using this product Wash hands before breaks and immediately after handling the product

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	<b>Odor</b>	Citrus
<b>Appearance</b>	Clear Liquid		
<b>Color</b>	Orange		

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
<b>pH</b>	9.0 ± 0.5	
<b>Melting/freezing point</b>		No data available
<b>Freezing Point</b>		No data available
<b>Boiling point/boiling range</b>	> 100 °C / 212 °F	
<b>Flash Point</b>		Not flammable
<b>Evaporation rate</b>		Similar to water
<b>Flammability (solid, gas)</b>		No information available
<b>Flammability Limits in Air</b>		No information available
<b>Upper flammability limit</b>		
<b>Lower flammability limit</b>		
<b>Explosion Limits</b>		
<b>Upper</b>		
<b>lower</b>		
<b>Vapor pressure</b>		No information available
<b>Vapor density</b>		No information available
<b>Specific Gravity</b>	1.008 ± 0.005	
<b>Water solubility</b>	Soluble in water	Completely soluble.
<b>Solubility in other solvents</b>		No information available
<b>Partition coefficient: n-octanol/water</b>		No information available
<b>Autoignition temperature</b>		No information available
<b>Decomposition temperature</b>		No information available
<b>Viscosity, kinematic</b>		No information available
<b>Viscosity, dynamic</b>		No information available

### 9.2 Other information

<b>VOC Content(%)</b>	Negligible
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## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions
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<b>Incompatible products</b>	Strong oxidizing agents
<b>Conditions to Avoid</b>	None known based on information supplied
<b>Hazardous Decomposition Products</b>	May emit toxic fumes under fire conditions. Carbon monoxide (CO) Nitrogen oxides (NOx) Sulfur oxides
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur

### 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

<b>Product Information</b>	May be harmful if swallowed
<b>Inhalation</b>	Inhalation of vapors in high concentration may cause irritation of the respiratory system
<b>Eye contact</b>	May cause temporary eye irritation
<b>Skin contact</b>	Prolonged skin contact may cause skin irritation
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### Chronic toxicity

<b>Chronic toxicity</b>	No known effect based on information supplied
<b>Carcinogenicity</b>	There are no known carcinogenic chemicals in this product
<b>Target Organ Effects</b>	None known.

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

The environmental impact of this product has not been fully investigated

### 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Methods</b>	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
<b>Contaminated packaging</b>	Do not re-use empty containers

### 14. TRANSPORT INFORMATION

<b>DOT</b>	Not regulated
<b>Proper shipping name</b>	Cleaning Compound, Liquid

## 15. REGULATORY INFORMATION

### International Inventories

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

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	no
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

### 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**

<b>Prepared By</b>	Daley International 4100 West 76th Street Chicago, IL 60652	<b>Issuing date</b>	27-Nov-2012	<b>Revision Date</b>	27-Jun-2013
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**Revision Note** 2.

**Disclaimer**

The information provided on this SDS 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**