

According to U.S. Code of Federal Regulations 29 CFR 1910.1200, Hazard Communication.

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

*1.1. Product identifier*

*Product name:* **FLOQUAT D6055**

*Type of product:* Mixture.

*1.2. Relevant identified uses of the substance or mixture and uses advised against*

*Identified uses:* Processing aid for industrial applications.

*Uses advised against:* None.

*1.3. Details of the supplier of the safety data sheet*

*Company:* Charkit Chemical Company, LLC.  
32 Haviland Street, Unit 1  
32 Norwalk, CT 06854  
United States

*Telephone:* +1 203-299-3220

*Telefax:* +1 203-299-1355

*E-mail address:* sales@charkit.com

*1.4. Emergency telephone number*

*24-hour emergency number:* 800-424-9300 CHEMTREC (CCN 20412), Outside U.S. 703-527-3887

SECTION 2. Hazards identification

*2.1. Classification of the substance or mixture*

*Classification according to paragraph (d) of 29 CFR 1910.1200:*

Not classified.

*2.2. Label elements*

*Labelling according to paragraph (f) of 29 CFR 1910.1200:*

Hazard symbol(s): None.

Signal word: None.

Hazard statement(s): None.

Precautionary statement(s): None.

### 2.3. Other hazards

Spills produce extremely slippery surfaces.

For explanation of abbreviations see Section 16.

## SECTION 3. Composition/information on ingredients

### 3.1 Substances

Not applicable, this product is not a substance.

### 3.2 Mixtures

#### Hazardous components

Contains no reportable hazardous substances.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### *Inhalation:*

Move to fresh air. No hazards which require special first aid measures.

#### *Skin contact:*

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In case of persistent skin irritation, consult a physician.

#### *Eye contact:*

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Alternatively, rinse immediately with Diphoterine ®. Get prompt medical attention.

#### *Ingestion:*

Rinse mouth with water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

### 4.2. Most important symptoms and effects, both acute and delayed

None under normal use.

### 4.3. Indication of any immediate medical attention and special treatment needed.

None reasonably foreseeable.

#### *Other information:*

None.

SECTION 5. Fire-fighting measures*5.1. Extinguishing media**Suitable extinguishing media:*

Water. Water spray. Foam. Carbon dioxide (CO<sub>2</sub>). Dry powder.

*Unsuitable extinguishing media:*

None.

*5.2. Special hazards arising from the substance or mixture**Hazardous decomposition products:*

Carbon oxides (CO<sub>x</sub>). Nitrogen oxides (NO<sub>x</sub>). Hydrogen chloride. Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.

*5.3. Advice for fire-fighters**Protective measures:*

Wear self-contained breathing apparatus and protective suit.

*Other information:*

Spills produce extremely slippery surfaces.

SECTION 6: Accidental release measures*6.1. Personal precautions, protective equipment and emergency procedures**Personal precautions:*

Do not touch or walk through spilled material. Spills produce extremely slippery surfaces.

*Protective equipment:*

Wear adequate personal protective equipment (see Section 8 Exposure Controls/Personal Protection).

*Emergency procedures:*

Keep people away from spill/leak.

*6.2. Environmental precautions*

Do not contaminate water.

*6.3. Methods and material for containment and cleaning up**Small spills:*

Do not flush with water. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

*Large spills:*

Do not flush with water. Dam up. Clean up promptly by scoop or vacuum.

*Residues:*

After cleaning, flush away traces with water. Soak up with inert absorbent material.

6.4. *Reference to other sections*

SECTION 7: Handling and storage; SECTION 8: Exposure controls/personal protection; SECTION 13: Disposal considerations;

SECTION 7: Handling and storage

7.1. *Precautions for safe handling*

Avoid contact with skin and eyes. Renders surfaces extremely slippery when spilled. When using, do not eat, drink or smoke.

7.2. *Conditions for safe storage, including any incompatibilities.*

Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the material. Incompatible with oxidizing agents.

7.3. *Specific end use(s)*

None.

SECTION 8. Exposure controls/personal protection

8.1. *Control parameters*

*Occupational exposure limits:*

None.

8.2. *Exposure controls*

*Appropriate engineering controls:*

Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.

*Individual protection measures, such as personal protective equipment:*

a) *Eye/face protection:*

Safety glasses with side-shields.

b) *Skin protection:*

Wear coveralls and/or chemical apron and rubber footwear where physical contact can occur.

i) *Hand protection:*

PVC or other plastic material gloves.

c) *Respiratory protection:*

No personal respiratory protective equipment normally required.

d) *Additional advice:*

Wash hands and face before breaks and immediately after handling the product. Wash hands before breaks and at the end of workday.

*Environmental exposure controls:*

Do not allow uncontrolled discharge of product into the environment.

## SECTION 9: Physical and chemical properties

### *9.1. Information on basic physical and chemical properties*

<i>a) Appearance:</i>	Clear to slightly yellow liquid.
<i>b) Odour:</i>	None.
<i>c) Odour Threshold:</i>	Not applicable.
<i>d) pH:</i>	3 - 8
<i>e) Melting point/freezing point:</i>	< 0°C
<i>f) Initial boiling point and boiling range:</i>	> 100°C
<i>g) Flash point:</i>	Does not flash.
<i>h) Evaporation rate:</i>	No data available.
<i>i) Flammability (solid, gas):</i>	Not applicable.
<i>j) Upper/lower flammability or explosive limits:</i>	Not expected to create explosive atmospheres.
<i>k) Vapour pressure:</i>	2.3 kPa @ 20°C
<i>l) Vapour density:</i>	0.804 g/litre @ 20°C
<i>m) Relative density:</i>	1.0 - 1.2
<i>n) Solubility(ies):</i>	Completely miscible.
<i>o) Partition coefficient:</i>	< 0
<i>p) Autoignition temperature:</i>	Does not self-ignite (based on the chemical structure).
<i>q) Decomposition temperature:</i>	> 150°C
<i>r) Viscosity:</i>	See Technical Bulletin.
<i>s) Explosive properties:</i>	Not expected to be explosive based on the chemical structure.
<i>t) Oxidizing properties:</i>	Not expected to be oxidising based on the chemical structure.

### *9.2. Other information*

None.

## SECTION 10 : Stability and reactivity

### *10.1. Reactivity*

Stable under recommended storage conditions.

#### 10.2. Chemical stability

Stable under recommended storage conditions.

#### 10.3. Possibility of hazardous reactions

Oxidizing agents may cause exothermic reactions.

#### 10.4. Conditions to avoid

Protect from frost, heat and sunlight.

#### 10.5. Incompatible materials

Oxidizing agents may cause exothermic reactions.

#### 10.6. Hazardous decomposition products

Thermal decomposition may produce: hydrogen chloride gas, nitrogen oxides (NO<sub>x</sub>), carbon oxides (CO<sub>x</sub>). Hydrogen cyanide (hydrocyanic acid).

### Section 11 : Toxicological information

#### 11.1. Information on toxicological effects

##### Information on the product as supplied:

*Acute oral toxicity:* LD50/oral/rat > 5000 mg/kg

*Acute dermal toxicity:* LD50/dermal/rat > 5000 mg/kg

*Acute inhalation toxicity:* Testing by the inhalation route is inappropriate because exposure of humans via inhalation is unlikely: the substance has no vapour pressure and there is practically no exposure to inhalable aerosols.

*Skin corrosion/irritation:* Non-irritating to skin.

*Serious eye damage/eye irritation:* Slightly irritating.

*Respiratory/skin sensitisation:* Not sensitizing to skin. No respiratory sensitization has been observed in the workplace.

*Mutagenicity:* By analogy with similar products, this product is not expected to be mutagenic.

*Carcinogenicity:* By analogy with similar substances, this substance is not expected to be carcinogenic.

*Reproductive toxicity:* By analogy with similar substances, this substance is not expected to be toxic for reproduction.

*STOT - single exposure:* No known effects.

*STOT - repeated exposure:* No known effects.

*Aspiration hazard:* Due to the viscosity, this product does not present an aspiration hazard.

## SECTION 12 : Ecological information

### 12.1. Toxicity

#### Information on the product as supplied:

*Acute toxicity to fish:* LC50/Fish/96 hours > 100 mg/L (OECD 203)

*Acute toxicity to invertebrates:* EC50/Daphnia magna/48 hours > 100 mg/L (OECD 202)

*Acute toxicity to algae:* Algal inhibition tests are not appropriate. The flocculation characteristics of the product interfere directly in the test medium preventing homogenous distribution which invalidates the test.

*Chronic toxicity to fish:* No data available.

*Chronic toxicity to invertebrates:* No data available.

*Toxicity to microorganisms:* No data available.

*Effects on terrestrial organisms:* No data available.

*Sediment toxicity:* No data available.

### 12.2. Persistence and degradability

#### Information on the product as supplied:

*Degradation:* Not readily biodegradable.

*Hydrolysis:* Does not hydrolyse.

*Photolysis:* No data available.

### 12.3. Bioaccumulative potential

#### Information on the product as supplied:

Not bioaccumulating.

*Partition co-efficient (Log Pow):* < 0

*Bioconcentration factor (BCF):* No data available.

#### 12.4. Mobility in soil

Information on the product as supplied:

Exposure to soil is not to be expected.

#### 12.5. Other adverse effects

None.

### SECTION 13 : Disposal considerations

#### 13.1. Waste treatment methods

Waste from residues / unused products:

Dispose in accordance with local and national regulations.

Contaminated packaging:

Rinse empty containers with water and use the rinse-water to prepare the working solution. If recycling is not practicable, dispose of in compliance with local regulations.

Recycling:

Store containers and offer for recycling of material when in accordance with the local regulations.

### SECTION 14. Transport information

#### Land transport (DOT)

Not classified.

#### Sea transport (IMDG)

Not classified.

#### Air transport (IATA)

Not classified.

### SECTION 15. Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Information on the product as supplied:

TSCA Chemical Substances Inventory:

All components of this product are either listed on the inventory or are exempt from listing.



US SARA Reporting Requirements:

SARA (Section 311/312) hazard class:  
Not concerned.

RCRA status :  
Not RCRA hazardous.

California Proposition 65 Information:

WARNING! This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm, Acrylamide.

SECTION 16. Other informationNFPA and HMIS Ratings:NFPA:

Health: 0  
Flammability: 0  
Instability: 0

HMIS:

Health: 0  
Flammability: 0  
Physical Hazard: 0  
PPE Code: B

This data sheet contains changes from the previous version in section(s):

SECTION 2. Hazards identification, SECTION 3. Composition/information on ingredients, SECTION 4. First aid measures, SECTION 11. Toxicological information, SECTION 16. Other Information.

Key or legend to abbreviations and acronyms used in the safety data sheet:

None.

This SDS was prepared in accordance with the following:

U.S. Code of Federal Regulations 29 CFR 1910.1200

Version: 15.01.a

LDCC053

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