
SAFETY DATA SHEET

In accordance with the version of the Globally Harmonized System of Classification and Labelling Adopted in the United States

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

TRADE NAME: CC-1750 Sherbet Stabilizer/Emulsifier

SYNONYMS: N/A

SUBSTANCE: N/A

CAS NUMBER: N/A

1.2. Recommended use of the substance and restrictions on use:

Food Blend

1.3. Manufacturer/supplier information

Tate & Lyle
1631 S. Prairie Drive
Sycamore, IL 60178
815-748-8700

1.4. Emergency telephone number

CHEMTREC: 800-424-9300

Tate & Lyle Americas: 217-421-4411
8 AM – 5 PM Central Day-light Savings Time

CREATION DATE: March 20, 2015

Revision Date: May 25, 2018

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Combustible Dust

2.2. Label elements**SIGNAL WORD:**

Not applicable

HAZARD STATEMENT:

May form combustible dust concentrations in air.

SYMBOL:

Not applicable

PRECAUTIONARY STATEMENTS:

Do not allow dust to accumulate on flat surfaces, on rafters or building structural components.

2.3. Other hazards**FIRE AND EXPLOSION HAZARD:**

May form combustible dust concentrations in air. Possibility of dust explosion. It is recommended that all dust control equipment and material transport systems involved are engineered to prevent conditions contributing to dust explosions. Do not allow dust to accumulate on flat surfaces, on rafters or building structural components. Keep away from all ignition sources including heat, sparks, and flame.

POTENTIAL ACUTE HEALTH EFFECTS FROM OCCUPATIONAL EXPOSURE:

Inhalation: Exposure to high airborne concentrations may cause mild respiratory irritation due to drying effects of dust.

Skin Contact: Sustained exposure in a dusty manufacturing environment may result in mechanical irritation in the creases of the skin, particularly at the fingers. No health effects known or anticipated.

Eye Contact: May cause slight mechanical irritation from acute exposure.

Ingestion: No effects known or anticipated.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixtures: Proprietary Blend

COMPONENT	CAS No.	% By Weight

Additional Information: Amounts specified are typical and do not represent a specification.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures
INHALATION:

Remove to fresh air.

SKIN CONTACT:

Clean with soap and water.

EYE CONTACT:

Rinse well with eye wash solution or clean water. If symptoms develop, obtain medical attention.

INGESTION:

Not applicable.

4.2. Most important symptoms and effects, both acute and delayed. N/A

4.3. Indication of any immediate medical attention and special treatment needed. N/A

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Water spray, dry powder, carbon dioxide or media appropriate for surrounding fire. Use of water jet may cause explosive dust conditions.

5.2. Special hazards arising from the substance or mixture**FIRE AND EXPLOSION HAZARD:**

May form combustible dust concentrations in air. Possibility of dust explosion. It is recommended that all dust control equipment and material transport systems involved are engineered to prevent conditions contributing to dust explosions. Do not allow dust to accumulate on flat surfaces, on rafters or building structural components. See NFPA 61, Standard for the Prevention of Fire and Dust Explosions in Agricultural and Food Processing Facilities, 2008 or later Edition, and other related standards.

5.3. Specific protective equipment and precautions for fire-fighters

Wear self-contained breathing apparatus and full protective gear. Use water spray to cool fire exposed containers.

FLAMMABILITY CLASS (OSHA):

Not applicable

HAZARDOUS COMBUSTION PRODUCTS:

Carbon dioxide and carbon monoxide.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dispersing dust in the air when cleaning up spills. Use vacuums or wet sweeping methods.

6.2. Environmental precautions

No specific requirements

6.3. Methods and material for containment and cleaning up**OCCUPATIONAL SPILL:**

Vacuum or sweep up spills. Minimize dust generation. If washing down spilled area is necessary, use copious amounts of water and control runoff. Follow local, state and federal regulations for product disposal.

6.4. Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment

See Section 13 for disposal information

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

See NFPA 61, Standard for the Prevention of Fire and Dust Explosions in Agricultural and Food Processing Facilities, 2008 Edition, and other related standards. Use with adequate ventilation. Minimize dust generation and accumulation; dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are disturbed.

All dust control equipment and material transport systems involved are engineered to prevent conditions contributing to dust explosions and may require explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Bonding and grounding systems may be required.

Dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) should be designed to limit or prevent leakage of dust into the work area.

Do not allow dust to accumulate on flat surfaces, on rafters or building structural components. Routine housekeeping should be instituted to reduce dust accumulation. Use Avoid dispersal of dust in the air; use vacuum or wet sweeping methods. Do not use compressed air to clean surfaces.

Keep away from all ignition sources including heat, sparks, and flame. Where dust accumulations occur use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool dry place. Store in a tightly closed container. Packaging Materials: The packaging material should have reasonable moisture and air barriers and comply with food regulations.

7.3. Specific end use(s)

Not applicable

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

NUISANCE DUST (also called Particulate Not Otherwise Regulated (PNOR))

Ingredient	Exposure Limit	Units	Source
	15 5	mg/m ³ Total dust mg/m ³ Respirable dust	OSHA PEL
	10 5 15	mg/m ³ Inhalable dust mg/m ³ Respirable dust mg/m ³ Total dust	ACGIH TLV

APPROPRIATE ENGINEERING CONTROLS:

Ventilation: See NFPA 61, Standard for the Prevention of Fire and Dust Explosions in Agricultural and Food Processing Facilities, 2008 Edition, and National Fire Protection Association 650, Standard for Pneumatic Conveying Systems for Handling Combustible Materials, 1997 Edition and other related standards. Normal industrial hygiene measures should be sufficient for protection of employees from exposure to dusts. Local and mechanical exhaust is desirable when dumping bags.

APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT

Eye protection: Safety glasses are desirable and recommended when dumping bags.



Emergency wash facilities: Eye wash is recommended for conditions where dust generation is likely.

Special protective clothing: Not normally required.

Gloves: Not normally required. Use ordinary work gloves if dust dries skin.

Respirator: NIOSH approved N-95 dust respirator if working in situations that could generate large amounts of airborne dust.

FOR FIREFIGHTING AND OTHER IMMEDIATELY DANGEROUS TO LIFE OR HEALTH CONDITIONS:

See section 5.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

a) Appearance:	Dry Mixture
b) Odor:	Little or no odor
c) Odor threshold: Not applicable	N/A
d) pH:	N/A
e) Melting point/freezing point:	N/A
f) Initial boiling point and boiling range:	N/A
g) Flash point:	N/A
h) Evaporation rate:	N/A
i) Flammability (solid, gas):	Can form combustible dust
j) Upper/lower flammability or explosive limits:	N/A
k) Vapor pressure:	N/A
l) Vapor density:	N/A
m) Relative density:	N/A
n) Solubility(ies):	Soluble
o) Partition coefficient: n-octanol/water:	N/A
p) Auto-ignition temperature:	N/A
q) Decomposition temperature:	N/A
r) Viscosity:	N/A

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

Stable

10.2. Chemical stability

Polymerization will not occur.

10.3. Possibility of hazardous reactions

Not applicable

10.4. Conditions to avoid

Practices which produce dust or disperse finely divided dust in air. See NFPA 61, Standard for the Prevention of Fire and Dust Explosions in Agricultural and Food Processing Facilities, 2008 Edition, and other related standards.

10.5. Incompatible materials

Oxidizing agents

10.6. Hazardous decomposition products

Nothing unusual

SECTION 11. TOXICOLOGY INFORMATION

11.1. Information on toxicological effects

This product is a food ingredient.

ACUTE HEALTH EFFECTS:

Inhalation: Exposure to high airborne concentrations may cause mild respiratory irritation due to drying effects of dust. Classified as a Particulate Not Otherwise Regulated (PNOR) because the ingredients are not known to cause adverse health effects from occupational exposure.

Skin contact: Sustained exposure in a dusty manufacturing environment may result in mechanical irritation in the creases of the skin, particularly at the fingers, or other drying effects. No health effects known or anticipated.

Eye contact: May cause slight mechanical irritation from acute exposure.

Ingestion: No effects known or anticipated.

CHRONIC HEALTH EFFECTS: None known or anticipated.

CARCINOGEN STATUS:

OSHA: Not listed.

NTP: Not listed.

IARC: Not listed.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

No data

12.2. Persistence and degradability

No data

12.3. Bioaccumulative potential

Food and feed ingredient, not relevant.

12.4. Mobility in soil

No data

12.5. Results of PBT and vPvB assessment

Food or feed ingredient. No data available.

12.6. Other adverse effects

None known.

SECTION 13. DISPOSAL INFORMATION

13.1. Waste treatment methods

Follow local, state and federal regulations for product disposal. Not a hazardous waste unless contaminated with other hazardous products.

SECTION 14. TRANSPORTATION INFORMATION

14.1. UN number: Not applicable

14.2. UN proper shipping name: Not applicable

14.3. Transport hazard class(es): Not applicable

14.4. Packing group, if applicable: Not applicable

14.5. Environmental hazards: Not applicable

14.6. Special precautions for user: Not applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15. REGULATORY INFORMATION

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

15.2. Chemical safety assessment**US FEDERAL REGULATIONS:**

Clean Air Act:

ODS: Not applicable.

TSCA Status: Not applicable.

SARA (EPCRA) Section 313 (40 C.F.R. § 372.65): Not applicable.

STATE REPORTING REQUIREMENTS:

California Proposition 65: Not applicable.

SECTION 16. OTHER INFORMATION

See "Hazard Communication Guidance for Combustible Dusts," OSHA 3371-08 2009, U.S. Occupational Safety and Health Administration, <https://www.osha.gov/Publications/3371combustible-dust.html> (accessed 10./8/14)

And

NFPA 654, *Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids*, for general safe handling and design guidance.

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