



OXCON
SYSTEMS LLC

TARTARIC ACID, LAB GRADE

SAFETY DATA SHEET

1. Identification of the substance/ preparation and of the company/undertaking

Product details

Trade name: Tartaric Acid, Lab Grade

Manufacturer/Supplier: OXCON SYSTEMS
7700 N Hayes Dr,
Valley Center, KS 67147

Further information obtainable from: www.oxconsystems.com
Contact phone number: (316) 832-0063

2. Hazards identification

Hazard pictograms (GHS-US):

Irritant



Health Hazards



Signal word (GHS-US):

Warning

Hazard statement (GHS-US):

H303

Can be harmful if swallowed

H320

Causes eye irritation

H335

May cause respiratory irritation

H313

May be harmful in contact with skin

Precautionary statements (GHS-US):

P402

Store in a dry place.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352

IF ON SKIN: Wash with plenty of soap and water

IF IN EYES: Rinse cautiously with water for

P305+P351 +P338

several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304+P341

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing

P301+P310

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

HMIS codes:

Health

1

Flammability

0

Reactivity

0

Protective equipment

B

Information concerning particular hazards for human and environment:

May be harmful if ingested.

Dust may be irritating to eyes, respiratory system, and skin.

Not known to cause reproductive harm or birth defects.

Keep out of reach of children.

3. Composition/information on ingredients

Chemical characterization

Dangerous components:			
CAS #	Name	Exposure Limit	
65997-17-3	Fiberglass* /Continuous Filament	OSHA Total Dust	15 mg/m3
		OSHA Respirable Dust	5 mg/m3
		ACGIH TLV	10 mg/m3
		NIOSH REL TWA	3 fiber/cc
none	Organic Polymer	none established	

Additional information: * This component is encapsulated in polyolefin resin and does not possess the same hazards as the powdered pure material.

4. First aid measures

General information:	n/a
After inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If having difficulty breathing, give oxygen. Get immediate medical attention.
After skin contact:	Wash affected area thoroughly with soap and water. Remove contaminated clothes and launder before re-use.
After eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
After swallowing:	Do not induce vomiting. Get medical attention immediately.

5. Fire-fighting measures

General information:	Water- based product.
Flash point:	n/a
Fire and explosion hazards:	Not a fire hazards
Suitable extinguishing agents:	Water is the best extinguishing media
Hazardous combustion products:	Incomplete combustion of dried product can yield low molecular weight hydrocarbons, carbon monoxide, and carbon dioxide.
Protective equipment:	Firefighters should wear full bunker gear, including a positive pressure self contained breathing apparatus
Firefighting instructions:	Respiratory equipment should be worn to avoid inhalation of combustion products. Water should not be used except as fog to keep nearby containers cool. Water may be used to cool closed containers to prevent pressure build-up and exposed to extreme heat.

6. Accidental release measures

Measures for environmental protection: Keep spilled products out of sewers, streams, and water systems.

Measures for cleaning/collecting: For dry material, collect by sweeping and scooping. Transfer collected material to a container, being careful to minimize creation of dust. For wet material, scoop material up and transfer to an open container. Allow material to dry before disposal.

Additional information: See section 13 and section 15 for specific regulatory information concerning this product.

7. Handling and storage

Handling:

Handle properly to prevent the spread of fiberglass dust or fibers

Storage:

Store in proper containers to prevent the spread of dusts and fibers. Low humidity levels will increase the spread of dusts and fibers.

8 Exposure controls/personal protection

Additional information about design of technical facilities: n/a

Additional information:

The lists valid during the making were used as a basis.

Personal protective equipment:
ventilation

Use local exhaust. General exhaust acceptable if the exposure to materials above is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, and 1910.108.

respiratory protection

If personal exposure cannot or may not be controlled below applicable limits by ventilation, wear properly fitted respirator approved by NIOSH/MSHA for protection against materials described above.

eye protection

Wear safety glasses to reduce the potential for eye contact.

skin protection

Prevent prolonged or repeated contact by using rubber gloves and appropriate protective clothing.

9. Physical and chemical properties

General information:	
form	woven fiberglass fabric
color	Green
odor	odorless
pH	6-8 (in water)
Change in condition:	
melting point/melting point range	800 deg C
boiling point/boiling point range	n/a
evaporation rate:	n/a
vapor density:	n/a
Specific gravity: A	0.9
Solubility in/Miscibility with water:	n/a
Density at 20°C:	n/a
VOC:	0 g/L (0 lb/gal)

10. Stability and reactivity

Conditions to be avoided:

None known

Chemical stability:

Stable

Materials to be avoided:

None known

Hazardous polymerization:

Will not occur

Dangerous decomposition products:

Will not spontaneously occur. By Fire- low molecular weight hydrocarbons, carbon dioxide and monoxide.

11. Toxicological information

Acute toxicity: fiber toxicity	Glass fiber diameter determines whether the fiber is Respirable. NIOSH has determined that man-made mineral fibers with diameters equal or greater than 3.5 microns are non-Respirable. Respirable fibers will penetrate deep into the lungs. All E-glass continuous filament fiberglass have a fiber diameter larger than 3.5 microns and therefore are non-Respirable. The following organizations have found that the continuous fiberglass filaments are not considered to be carcinogenic based on human and animal tests conducted within the last 10 years. (IARC, ACGIH, OSHA, NTP)
Primary irritant effect: on the skin	Exposure of skin to product may cause chemical burns. Symptoms of exposure may take several hours to manifest.
on the eye	Exposure of eyes to product may cause chemical burns and blindness. Exposure to airborne dust can cause immediate or delayed irritation or inflammation.
through ingestion	May be harmful if ingested.
through inhalation	Dust generated during handling this product may cause irritation to the respiratory tract.

Additional toxicological information: n/a

12. Ecological information

Elimination (persistence and degradability):	n/a
Behavior in environmental systems:	n/a
Mobility and bioaccumulation potential:	n/a
General notes:	n/a

13. Disposal considerations

Product recommendation:	This product must be disposed of in accordance with applicable local, state and federal regulations. Where possible, it is best to use up any excess material.
Uncleansed packaging recommendation:	Disposal must be made according to official regulations.

14. Transport information

Land transport	USDOT	Not classified as a dangerous good under transport regulations
Sea transport	IMDG	Not classified as a dangerous good under transport regulations
Air transport	IATA/ICAO	Not classified as a dangerous good under transport regulations

15 Regulatory information

US Federal regulations

CERCLA, section 103 (40CFR302.4)
This product contains the following toxic chemicals that require notification of the National Response Center of releases of quantities of hazardous substances equal to or greater than the Reportable Quantities (RQ): No reportable quantities are present.
Clean Air Act, section 112
This product contains the following components present at or above the minimum level and listed as Hazardous or Extremely Hazardous Air Pollutants: No reportable quantities are present.
SARA, section 302 (40CFR355.30) and section 304 (40CFR355.40)
This product contains the following items that require emergency planning based on Threshold Planning Quantities (TPQ) or release reporting based on RQ: No reportable quantities are present.
SARA, section 311/312 (40CFR370.21) Hazard classification for this product
Fire: No Pressure generating: No Reactivity: No Acute health: No Chronic health: No
SARA, section 313 (40CFR372.65)
This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986: none
EPA VOC regulations
Theoretical voe for this product= 0 g/L (0 lb/gal)
TSCA
All components of this product are listed, or are exempt from listing on the TSCA inventory.
OSHA
This Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR1910.1200). Unlisted ingredients are not 'hazardous' per OSHA standards. In addition to items listed in Section 11, this product contains the following items that are specifically regulated by OSHA. Exposure limits may be found in Section 8. none

State regulations

California Prop65
Warning - The following chemicals are present in this coating product in small amounts. These chemicals are listed by the California EPA as materials known to the State of California to cause cancer, (and/or) birth defects, (and/or) other reproductive harm: none

16. Other information

The information and recommendation set forth herein are believed to be accurate. Because some of the information used to prepare this document is derived from information provided to PAREXUSA, Inc. from its suppliers, and because PAREXUSA, Inc. has no control over the conditions of handling and use, PAREXUSA, Inc. makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof and assumes no responsibility from use or reliance thereon. It is the responsibility of the user of PAREXUSA, Inc. products to comply with all applicable federal, state, and local laws and regulations.