



Product Name: Dry Vapor Square/Bar
Revision Date: 6/10/2020

SAFETY DATA SHEET

SECTION 1 MATERIAL AND MANUFACTURER IDENTIFICATION

PRODUCT

Product Identifier: Dry Vapor Square/Bar

Intended Product Use: Odor Control

Manufacturer ID Number: 2202, 2202C, 2203, 2203C, 2220, 2220C, 2221, 2221C, 2226, 2226C, 2227, 2227C, 2232, 2232C, 2233, 2233C, 2238, 2238C, 2239, 2239C, 2244, 2244C, 2245, 2245C, 2250, 2250C, 2251, 2251C, 2257, 2257C, 2300, 2300C, 2301, 2301C, 2306, 2306C, 2307, 2307C, 2308, 2308C

MANUFACTURER

Chemical Technologies International Inc.

P.O. Box 968

Rancho Cordova, CA 95741 USA

Phone: (916) 638-1315 Fax: (916) 638-0712

24 hours Emergency Assistance Calls (USA): CHEMTREC (800) 424-9300

Please reference name and manufacturers identification number

SECTION 2 HAZARD(S) IDENTIFICATION

GHS CLASSIFICATION

Within the meaning of the OSHA Hazard Communication Standard (29 CFR 1910.1200): this product is considered a manufactured article that is not considered hazardous when used in a manner consistent with the label directions.

Label Elements:

GHS Label

Other Hazards:

No information available

Unknown Acute Toxicity:

No information available

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS #	CONCENTRATIONS	FUNCTION
CELLULOSE,	9004-34-6	40-90%	CARRIER
PROPRIETARY FRAGRANCE OILS	N/A	10-60%	ODOR MODIFIER
VEGETABLE GLYCERIN	56-81-5	10-50%	BUILDER

This SDS contains confidential and propriety information of CTI and is protected by copyright, trade secret and other State and Federal laws. Its receipt or possession does not convey any rights to reproduce its contents, or to manufacture, use or anything it may describe. Reproduction, disclosure, or use without specific written authorization of CTI is strictly forbidden.



Product Name: Dry Vapor Square/Block

SECTION 4 FIRST-AID MEASURES

Inhalation: Remove from further exposure to fresh air. If respiratory irritation, dizziness, or nausea occurs seek immediate medical attention.

Eye Contact: Flush eyes with a directed stream of water for 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Washing eyes immediately after exposure is essential to achieve maximum effectiveness and minimize potential irritation. If irritation persists, seek immediate medical attention.

Skin Contact: Wash contact areas with soap and water. Launder exposed clothing before reuse.

Ingestion: If swallowed, Seek immediate medical attention.

SECTION 5 FIRE-FIGHTING MEASURES

FLAMMABILITY PROPERTIES

Flashpoint: Non-flammable nor Combustible.

Flammable Limits: Not Available

Auto ignition Temperature: Not Available

FIREFIGHTING PROCEDURES

General Hazard: During a fire smoke may contain the original material in addition to toxic and or irritating compounds. Avoid heat sparks or open flame. Decomposition releases oxygen, which can intensify the fire.

Firefighting Instructions: Evacuate all unnecessary personnel. Use water, foam, dry chemical or CO₂.

Firefighting Equipment: Firefighters should wear NIOSH/MSHA approved self-contained, positive pressure breathing apparatus and full protective clothing.

Hazardous Combustion Products: During fire, smoke may contain the original material in addition to toxic and/or irritating compounds such as but not limited to: CO, CO₂, sulfur oxides and hydrogen sulfides.

Unusual Fire and Explosion Hazards: Not established

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

See section 4 for First-Aid Advice. See section 5 for Firefighting Advice.

PROTECTIVE MEASURES

To minimize exposure to all chemicals, including this product, use good industrial hygiene and common sense. Use only in well ventilated area. If necessary, use exhaust ventilation to insure adequate ventilation. Insure that water is readily available and that you are prepared to properly wash out your eyes should the need arise. (See section 4 for more advice). Wear NIOSH/MSHA approved organic respirator when ventilation is not adequate or when the sufficiency of ventilation to maintain concentrations below exposure limits is in question. Wear chemical safety goggles to protect against splashes or contact with eyes. See OSHA 29 CFR 1910.33

CLEAN-UP PROCEDURES

Liquid spills will not occur. Responsibility of all spills or releases reported to the appropriate local, state and federal agencies falls upon the user.



Product Name: Dry Vapor Square/Block

SECTION 7 HANDLING AND STORAGE

HANDLING

As with all chemicals, practice good industrial hygiene when handling this product.

Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work.

The manufacturer and seller warrant that this product conforms to its standard specifications when used according to directions. As the conditions of method of its use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true but all statements and suggestions are made without any warranty, expressed or implied, regarding accuracy of the information. The hazards connected with the use of this material and the results to be obtained from the use thereof.

STORAGE

Avoid excessive heat. Avoid storage with oxidizing or reducing agents and/or acids. Employees should be trained to handle this product safely. Store the product in a cool dry area away from ignition sources. Avoid storage with combustible organic materials.

Storage temperature: Store in cool dry place

Storage pressure: Atmospheric

SECTION 8 EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS

Exposure limits have not been established for this mixture. Limits for components are listed below:

COMPONENT #	OSHA PEL TWA STEL	ACGIH TLV TWA STEL	NIOSH TWA STEL
Cellulose	THERE ARE NO ESTABLISHED EXPOSURE LIMITS		
PROPRIETARY FRAGRANCE OILS	N/A	N/A	N/A
Glycerin	15 mg/m ³	10 mg/m ³	

FROM THE INGREDIENT MANUFACTURER OR ADVISORY AGENCY.

ENGINEERING CONTROLS

Not generally required.

PERSONAL PROTECTION

Not generally required. The use of personal protection may be necessary as conditions warrant.

Respiratory: None required under normal handling conditions. If conditions warrant, wear approved respiratory equipment.

Eye Protection: If conditions warrant, wear safety goggles to protect against eye contact. See OSHA 29 CFR 1910.33

Skin: Wear protective clothing to minimize skin contact. Wash skin after use.

Other: One should always use chemicals with an awareness of the potential hazard of the effect on the human system. To minimize employee exposure to all chemicals, including this product, use good industrial hygiene practices.



Product Name: Dry Vapor Square/Block

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State and Appearance: Solid

Odor: clean scent

Boiling point: Not Available.

Melting point: Not Available.

Flammability: Flammable

Viscosity: Not Available.

Flash point: Non-flammable nor Combustible.

Decomposition temperature: Not Available.

Color: Cream

pH: N/A

Freezing point: Not Available.

Density: Not Available.

Particle size: Not Available.

Vapor density: Not Available.

Solubility: Insoluble

Vapor pressure: Not Available

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Stable under ambient temperature and atmospheric pressure.

Conditions to avoid: Keep away from heat or excessive pressure. Do not contaminate.

Incompatibility with other materials: Oxidizing agents and strong acids

Hazardous decomposition products: Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include and are not limited to: Sulfur oxides.

Hazardous polymerization: Major components of this mixture show no hazardous polymerization.

Conditions to Avoid: Oxygen, which supports combustion. Mixture will not support combustion in ambient temperatures

SECTION 11 TOXICOLOGICAL INFORMATION

Cellulose

PROPRIETARY FRAGRANCE OILS

VEGETABLE GLYCERIN

Toxicological Information has not been established for this product

NOT ESTABLISHED

LD50 RAT ORAL 12600 MG/KG

SECTION 12 ECOLOGICAL INFORMATION

Cellulose

PROPRIETARY FRAGRANCE OILS

VEGETABLE GLYCERIN

Ecological information has not been established for this product

NOT ESTABLISHED

READILY BIODEGRADABLE

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of all waste, empty bottles and contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations.

Do not dump into storm drains or any body of water. All disposal methods must be in compliance with all federal, State/Province and local laws and regulations. Regulations may vary in different locations.



Product Name: Dry Vapor Square/Block

Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. The vendor has no control over the management practices or the processes by which the party who handles or uses this material. The information presented here pertains only to the product as shipped in its intended condition and recommended usage.

SECTION 14	TRANSPORT INFORMATION
-------------------	------------------------------

DOT (US)

These shipments are ORM-D and exempt from Bill of Lading requirements when sent via ground under 1 Liter when packaged for retail sale per 49 CFR 173.150. If product exceeds 15 Kilogram, then will comply with the following:

UN Number: 3175

Proper Shipping Name: Solids Containing Flammable Liquid, N.O.S. (contains Extracts, aromatic, liquid)

Hazard Class: 3

Labels: Flammable

Packing Group: II

IMDG

Basic Description: UN3175 Solids Containing Flammable Liquid, N.O.S. (contains Extracts, aromatic, liquid), 3, III, LTD QTY

Marine Pollutant: No

*Shipping Instructions as shipped are: ORMD/LTD QTY Exemptions Used 173.150 LTD QTY & ORM-D

Consult 49 CFR to assure compliance with all applicable federal, state/provincial and local laws and regulations that may apply to you.

SECTION 15	REGULATORY INFORMATION
-------------------	-------------------------------

US Federal Regulations:

OSHA standards require that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, safety data sheet (SDS) sheets, training and access to written records. We request that you, as per your legal duty to, make all information in this SDS available to your employees and those who handle or consume the product to aid our customers in complying with regulatory requirements regulatory information for components of this product are indicated below

This product has no established regulatory information;

SECTION 16	OTHER INFORMATION
-------------------	--------------------------

While the information is believed to be accurate, CTI makes no representations as to its accuracy or sufficiency. This SDS summarizes to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources of each individual component. Since CTI cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. Users are responsible to verify this data under their own operating conditions to determine whether this product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance on information contained herein. This information relates only to the product-designated herein, and does not relate to its use in combination with any other material or in any other process.