

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

GHS Product Identifier

PRODUCT NAME	Volume Dry Texture Spray
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Other means of Identification

SYNONYMS	None
PRODUCT CODE	19-0737-01
UN/ID NO.	UN 1950 IMCO Class 2.1

Recommended Use of the chemical and restrictions of use

RECOMMENDED USE	No information available
USES ADVISED AGAINST	No information available

Supplier's Details

ADDRESS	Verb 750 Lexington Avenue 17th Avenue New York, NY 10022
EMERGENCY TELEPHONE	908-725-6060 Chemtrec (800) 424-9300

2. HAZARD IDENTIFICATION

Classification

GERM CELL MUTAGENICITY	CATEGORY 1A
CARCINOGENICITY	CATEGORY 1A
FLAMMABLE AEROSOLS	CATEGORY 1
GASES UNDER PRESSURE	COMPRESSED GAS

EMERGENCY OVERVIEW

SIGNAL WORD DANGER HAZARD STATEMENTS	May cause genetic defects
	May cause cancer
	May cause respiratory irritation
	Contains gas under pressure; may explode if heated
	Extremely flammable aerosol



APPEARANCE	PHYSICAL STATE	ODOR
Spray	Aerosol	No info

Precautionary Statements

PREVENTION	Obtain special instructions before use.
	Do not handle until all safety precautions have been read and understood.
	Use personal protective equipment as required.
	Keep away from heat/sparks/open flames/hot surfaces - No smoking.
	Do not spray on an open flame or other ignition source.
	Pressurized container: Do not pierce or burn, even after use.

RESPONSE	IF exposed or concerned: Get medical advice/attention
STORAGE	Store locked up.
	Protect from sunlight. Store in a well-ventilated place.
	Do not expose to temperatures exceeding 122°F/50° C
DISPOSAL	Dispose of contents/container to an approved waste disposal plant.

HAZZARD NOT OTHERWISE CLASSIFIED (HNOC)	Not applicable
OTHER INFORMATION	May be harmful if swallowed. May be harmful in contact with skin.

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS-NO	WEIGHT %	TRADE SECRET
Butane	106-97-8	10-30	*
Ethanol	64-17-5	10-30	*

**The exact percentage (concentration) of composition has been withheld as a trade secret.*

4. FIRST AID MEASURES

Description of necessary first-aid measures

EYE CONTACT	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
SKIN CONTACT	Discontinue use of product. Wash affected area with soap and water. If discomfort persists, consult a physician.
INHALATION	If respiratory irritation occurs, remove individual to fresh air. If discomfort persists, consult a physician. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. If breathing is affected due to intentional inhalation, remove patient to fresh air, get emergency attention, and administer artificial respiration and/or oxygen.
INGESTION	Clean mouth with water and drink afterwards plenty of water.

Most important symptoms/effects, acute and delayed

MOST IMPORTANT SYMPTOMS/ EFFECTS	No information available.
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Indication of immediate medical attention and special treatment needed, if necessary

NOTES TO PHYSICIAN	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
UNSUITABLE EXTINGUISHING MEDIA	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). CAUTION: Use of water spray when fighting fire may be inefficient.
SPECIFIC HAZARDS ARISING FROM THE CHEMICAL	No Information available
HAZARDOUS COMBUSTION PRODUCTS	Hydrocarbons, Volatile organic compounds, Halocarbons, Dimethyl Ether

Explosion Data

SENSITIVITY TO MECHANICAL IMPACT	No information available.
SENSITIVITY TO STATIC DISCHARGE	May be ignited by heat, sparks or flames.
PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

FOR EMERGENCY RESPONDERS	Be aware that gases can spread at ground level (heavier than air) and pay attention to the wind direction. Remove all sources of ignition. Pay attention to flashback. Wear respiratory protection. Ventilate the area.
PERSONAL PRECAUTIONS	Ensure adequate ventilation, especially in confined areas.
ENVIRONMENTAL PRECAUTIONS	The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with conventional solid waste management practices. Aerosol containers are recyclable when empty.

METHODS FOR CONTAINMENT	Prevent further leakage or spillage if safe to do so.
METHODS FOR CLEANING UP	Dispose of in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

HANDLING	Flammable. Avoid heat, sparks, flame, or smoking during use. Use only in well-ventilated areas. Contents under pressure. Do not crush, puncture or incinerate. Keep out of reach of children.
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Conditions for safe storage, including any incompatibilities

STORAGE	Store as an aerosol under the proper aerosol classification level in accordance with NFPA 30B. Store in a cool, dry, well-ventilated area below 120°F. Warehousing should be in compliance with local, state, and federal codes, as well as the regulations of your insurance carrier.
INCOMPATIBLE PRODUCTS	None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION EQUIPMENT

Control Parameters

Exposure Guidelines

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
Butane 106-97-8	STEL: 1000 ppm explosion hazard	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m3	IDLH: 1600 ppm TWA: 800 ppm TWA: 1900 mg/m3
Ethanol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m3 (vacated) TWA: 1000 ppm (vacat- ed) TWA: 1900 mg/ m3	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m3

Appropriate engineering controls

ENGINEERING MEASURES	Showers
	Eyewash stations
	Ventilation systems

Individual protection measures, such as personal protective equipment

EYE/FACE PROTECTION	Avoid contact with eyes.
SKIN AND BODY PROTECTION	No special technical protective measures are necessary.
RESPIRATORY PROTECTION	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
HYGIENE MEASURES	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Aerosol
APPEARANCE	Spray
ODOR	No information available
ODOR THRESHOLD	No information available
COLOR	No information available

PROPERTY	VALUES	REMARKS/ - METHOD
pH	No data available	
MELTING POINT/RANGE	No data available	
BOILING POINT/RANGE	No information available	
BOILING POINT CONCENTRATE	78.5 °C	
BOILING POINT PROPELLANT	-26.1 °C	
FLASH POINT	<-128.9 °C <-200 °F	
FLASH POINT CONCENTRATE	13 °C 55.4 °F	
FLASH POINT PROPELLANT	<-128.9 °C	
EVAPORATION RATE	No information available	
FLAMMABILITY (SOLID, GAS)	No data available	
FLAMMABILITY, LIMITS IN AIR	No data available	
UPPER FLAMMABILITY LIMIT	No data available	
LOWER FLAMMABILITY LIMIT	No data available	
VAPOR PRESSURE	No data available	
VAPOR DENSITY	No data available	
RELATIVE DENSITY	No information available	

PROPERTY	VALUES	REMARKS/ - METHOD
WATER SOLUBILITY	No data available	
SOLUBILITY IN OTHER SOLVENTS	No data available	
PARTITION COEFFICIENT: N-OCTANOL/ WATER	No data available	
AUTOIGNITION TEMPERATURE	No data available	
DECOMPOSITION TEMPERATURE VISCOSITY	No data available	
KINEMATIC VISCOSITY	No information available	
FLAMMABLE PROPERTIES	Not flammable	
EXPLOSIVE PROPERTIES	No data available	
OXIDIZING PROPERTIES	No data available	

Other information

VOC CONTENT (%)	<55%
SOFTENING POINT	No information available
MOLECULAR WEIGHT	No information available
DENSITY	0.8670 g/cc
BULK DENSITY	No information available

10. STABILITY AND REACTIVITY

REACTIVITY	No information available
CHEMICAL STABILITY	Stable under recommended storage conditions.
POSSIBILITY OF HAZARDOUS REACTIONS	None under normal processing.
CONDITIONS TO AVOID	Heat, Extremes of temperature and direct sunlight. and sparks.
INCOMPATIBLE MATERIALS	None known based on information supplied.
HAZARDOUS DECOMPOSITION PRODUCTS	None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Production Information

INHALATION	No data available
EYE CONTACT	No data available
SKIN CONTACT	No data available
INGESTION	No data available

CHEMICAL NAME	LD50 ORAL	LD50 DERMAL	LC50 INHALATION
Butane 106-97-8	-	-	=658g/m ³ (Rat)4h
Ethanol 64-17-5	= 7060 mg/kg (Rat)	-	=124.7mg/L (Rat)4h

Symptoms related to the physical, chemical & toxicological characteristics

SYMPTOMS	No data available
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Delayed & immediate effects and also chronic effects from short & long term exposure

SENSITIZATION	No information available.
MUTAGENIC EFFECTS	No information available.
CARCINOGENICITY	No information available.

CHEMICAL NAME	ACGIH	IARC	NTP	OSHA
Ethanol 64-17-5	A3	Group 1	Known	X

REPRODUCTIVE TOXICITY	No information available.
STOT - SINGLE EXPOSURE	No information available.
STOT - REPEATED EXPOSURE	No information available.
ASPIRATION HAZARD	No information available.

Numerical measures of toxicity - Product

The following values are calculated based on chapter 3.1 of the GHS document:

ATEMIX (ORAL)	3,182.00
ATEMIX (DERMAL)	2,423.00
ATEMIX (INHALATION-DUST/MIST)	127.30

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

CHEMICAL NAME	TOXICITY TO ALGAE	TOXICITY TO FISH	TOXICITY TO CRUSTACEA
Ethanol 64-17-5	-	12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static	9268 - 14221: 48 h Daphnia magna mg/L LC50 2: 48 h Daphnia magna mg/L EC50 Static 10800: 24 h Daphnia magna mg/L EC50
Zeolite 1318-02-1	18: 96 h Desmodesmus subspicatus mg/L EC50	1800 - 3200: 96 h Poecilia reticulata mg/L LC50 semi-static 1800: 96 h Brachydanio rerio mg/L LC50 semi-static 3200 - 5600: 96 h Oryzias latipes mg/L LC50 semi-static	1000 - 1800: 48 h Daphnia magna mg/L EC50

PERSISTENCE AND DEGRADABILITY	No information available.
BIOACCUMULATION	No information available.

CHEMICAL NAME	LOG POW
Butane 106-97-8	2.89
Ethanol 64-17-5	-0.32

OTHER ADVERSE EFFECTS	No information available.
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13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS	Dispose of in accordance with federal, state, and local regulations.
CONTAMINATED PACKAGING	Do not re-use empty containers.

CHEMICAL NAME	Ethanol 64-17-5
CALIFORNIA HAZARDOUS WASTE STATUS	Toxic Ignitable

14. TRANSPORT INFORMATION

DOT

PROPER SHIPPING NAME	Aerosols, Flammable - Limited Quantity
HAZARD CLASS	2.1
UN/ID NO.	UN 1950 IMCO Class 2.1
PACKING GROUP	n/a

IATA

UN-NUMBER	UN 1950
PROPER SHIPPING NAME	Aerosols, Flammable - Limited Quantity
HAZARD CLASS	2.1
PACKING GROUP	N/A

IMDG

UN-NUMBER	UN 1950
PROPER SHIPPING NAME	Aerosols, Flammable - Limited Quantity
HAZARD CLASS	2.1
PACKING GROUP	N/A
EMS-NO.	Chemtrec 1-800-424-9300

15. REGULATORY INFORMATION

International Inventories

TSCA	Does not comply
DSL	Does not comply
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Does not comply
KECL	Does not comply
PICCS	Does not comply
AICS	Does not comply

Legend

TSCA	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 Chemical Substances/ European 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	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
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CHEMICAL NAME	CAS-NO	WEIGHT %	SARA 313 - THRESHOLD VALUES %

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)

CERCL-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 A

U.S. STATE REGULATIONS CALIFORNIA PROPOSITION 65	This product does not contain any Proposition 65 chemicals
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U.S. State Right-to-Know Regulations

CHEMICAL NAME	NEW JERSEY	MASSACHUSETTS	PENNSYLVANIA	ILLINOIS	RHODE ISLAND

U.S. EPA Label Information

EPA PESTICIDE REGISTRATION NUMBER	Not applicable
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15. REGULATORY INFORMATION

NFPA	Health Hazard 0	Flammability 0	Instability 0	Physical and Chemical Hazards -
HMIS	Health Hazard 0	Flammability 0	Physical Hazard 0	Personal Protection X

PREPARED BY	Chicago Aerosol American Spraytech 205 Meister Avenue Branchburg, NJ 08876
ISSUING DATE	11-Aug-2017
REVISION DATE	14-Aug-2017
REVISION NOTE	

GENERAL 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.
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