

SAFETY DATA SHEET

This form is regarded to be in compliance with 29 CFR Part 1910.1200

1. PRODUCT AND COMPANY IDENTIFICATION

COMPANY NAME	Verb
ADDRESS CITY, STATE, ZIP	750 Lexington Avenue, 17th Floor New York, NY 10022
PRODUCT NAME	Verb Dry Shampoo Dark Tone
PRODUCT CODE	19-0740
SYNONYMS	None
RECOMMENDED USE	No information available.
USES ADVISED AGAINST	No information available.

SECTION 2. HAZARD(S) IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

GERM CELL MUTAGENICITY	Category 1A
CARCINOGENICITY	Category 1A
FLAMMABLE AEROSOLS	Category 1
GASES UNDER PRESSURE	Compressed gas

Emergency Overview

Danger

HAZARD STATEMENTS
May cause genetic defects
May cause cancer
Extremely flammable aerosol
Contains gas under pressure; may explode if heated



APPEARANCE	PHYSICAL STATE	ODOR
Spray	Aerosol	No Information available

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.
	Pressurized container: Do not pierce or burn, even after use.
	Do not spray on an open flame or other ignition source.

RESPONSE	IF exposed or concerned: Get medical advice/attention
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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.
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HAZZARD NOT OTHERWISE CLASSIFIED (HNOC)	Not applicable.
OTHER INFORMATION	May be harmful if swallowed.
UNKNOWN ACUTE TOXICITY	99.05% of the mixture consists of ingredient(s) of unknown toxicity.

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS-NO	WEIGHT %	TRADE SECRET
Butane	106-97-8	15 - 40	*
Ethanol	64-17-5	7 - 13	*
Rice Starch	9005-25-8	5 - 10	*

*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

SYMPTOMS	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

Personal precautions, protective equipment and emergency procedures

PERSONAL PRECAUTIONS	Ensure adequate ventilation, especially in confined areas.
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.
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

ADVICE ON SAFE 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 CONDITIONS	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.
PACKAGING MATERIALS	No information available.
INCOMPATIBLE PRODUCTS	None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION EQUIPMENT

Control Parameters

Exposure Guidelines | This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

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/m ³	IDLH: 1600 ppm TWA: 800 ppm TWA: 1900 mg/m ³
Ethanol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³
Rice Starch 9005-25-8	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust

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.
GENERAL HYGIENE CONSIDERATIONS	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

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

PROPERTY	VALUES	REMARKS/ - METHOD
pH	No information available.	
MELTING POINT/RANGE	No information available.	
BOILING POINT/RANGE	No information available.	
BOILING POINT CONCENTRATE	78.5 °C	
BOILING POINT PROPELLANT	-26.1 °C	
FLASH POINT	No information available.	
FLASH POINT CONCENTRATE	13 °C 55.4 °F	
FLASH POINT PROPELLANT	-128.9 °C	
EVAPORATION RATE	No information available.	
FLAMMABILITY (SOLID, GAS)	No information available.	
FLAMMABILITY, LIMITS IN AIR	No information available.	

UPPER FLAMMABILITY LIMIT	No information available.	
LOWER FLAMMABILITY LIMIT	No information available.	
VAPOR PRESSURE	No information available.	
VAPOR DENSITY	No information available.	
RELATIVE DENSITY	No information available.	
WATER SOLUBILITY	No information available.	
SOLUBILITY IN OTHER SOLVENTS	No information available.	
PARTITION COEFFICIENT	No information available.	
AUTOIGNITION TEMPERATURE	No information available.	
DECOMPOSITION TEMPERATURE	No information available.	
KINEMATIC VISCOSITY	No information available.	
DYNAMIC VISCOSITY	No information available.	
EXPLOSIVE PROPERTIES	No information available.	
OXIDIZING PROPERTIES	No information available.	

Other information

SOFTENING POINT	No information available.
MOLECULAR WEIGHT	No information available.
VOC CONTENT (%)	No information available.
DENSITY	0.7886 g/cc
BULK DENSITY	No information available.

10. STABILITY AND REACTIVITY

REACTIVITY	No data available.
CHEMICAL STABILITY	Stable under recommended storage conditions.
POSSIBILITY OF HAZARDOUS REACTIONS	None under normal processing.
CONDITIONS TO AVOID	Extremes of temperature and direct sunlight.
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	ORAL LD50	DERMAL LD50	INHALATION LD50
Butane 106-97-8	-	-	= 658 g/m ³ (Rat) 4 h
Ethanol 64-17-5	= 7060 mg/kg (Rat)		= 124.7 mg/L (Rat) 4 h

Information on toxicological effects

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

SENSITIZATION	No information available.
GERM CELL MUTAGENICITY	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)	3,498.00
ATEMIX (DERMAL)	10,181.00
ATEMIX (INHALATION-DUST/MIST)	135.00

12. ECOLOGICAL INFORMATION

Ecotoxicity

85.6964 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

CHEMICAL NAME	ALGAE/AQUATIC PLANTS	FISH	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 10800: 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 Static
Disiloxane 107-46-0	-	3.02: 96 h Oncorhynchus mykiss mg/L LC50 flow-through	314: 24 h Daphnia magna mg/L EC50
Zeolite 1318-02-1	18: 96 h Desmodesmus subspicatus mg/L EC50	1800: 96 h Brachydanio rerio mg/L LC50 semi-static 1800 - 3200: 96 h Poecilia reticulata mg/L LC50 semi-static 3200 - 5600: 96 h Oryzias latipes mg/L C50 semi-static	1000 - 1800: 48 h Daphnia magna mg/L EC50
Glycerin 56-81-5	-	51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static	500: 24 h Daphnia magna mg/L EC50

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

CHEMICAL NAME	PARTITION COEFFICIENT
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 treatment methods

DISPOSAL OF WASTES	Disposal should be in accordance with applicable regional, national and local laws and regulations.
CONTAMINATED PACKAGING	Do not re-use container.

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

14. TRANSPORT INFORMATION

DOT

UN/ID NO.	Regulated UN 1950
PROPER SHIPPING NAME	Aerosols, Limited Quantity
PACKING GROUP	n/a

IATA

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

IMDG

UN/ID NO.	Regulated UN 1950
PROPER SHIPPING NAME	Aerosol, 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/NDSL	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	SARA 313 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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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

CWA (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)
CERCLA	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

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

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

**Indicates a chronic health hazard.*

ISSUING DATE	05-Dec-2017
REVISION DATE	07-Dec-2017
REVISION NOTE	No information available

GENERAL DISCLAIMER	<p>The information provided in this Material Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.</p>
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END OF SAFETY DATA SHEET