

# SAFETY DATA SHEET DRAFT VERSION

## 1. Identification

Product identifier	Vangard Briza		
Other means of identification			
Product code	F811015		
Product registration number	3862-104-1124		
Recommended use	Disinfectant Spray		
Recommended restrictions	None known.		
Manufacturer/Importer/Supplie	r/Distributor information		
Manufacturer			
Company name Address	Franklin Cleaning Techno One Fuller Way Great Bend, KS 67530 United States	logy	
Telephone	Customer Service	(800) 810-4829	
E-mail	Not available.		
Emergency phone number	CHEMTREC	(800) 424-9300	
	Emergency 24 hour Emergency	(620) 792-1711 (800) 424-9300	
		(000) 424-0000	
2. Hazard(s) identificatio	n		
Physical hazards	Gases under pressure		Compressed gas
lealth hazards	Serious eye damage/eye i	irritation	Category 2A
Environmental hazards	Hazardous to the aquatic hazard	environment, acute	Category 2
	Hazardous to the aquatic long-term hazard	environment,	Category 2
OSHA defined hazards	Not classified.		
Label elements		Ł	
Signal word	Warning	•	
Hazard statement	Contains gas under pressure; may explode if heated. Causes serious eye irritation. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.		
Precautionary statement		0	
Prevention	Wash thoroughly after har	ndling. Avoid release	e to the environment. Wear eye/face protection.
Response	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Collect		
	spillage.		
Storage	-	Protect from sunlight. Store in a well-ventilated place.	
Disposal		iner in accordance v	with local/regional/national/international regulations
lazard(s) not otherwise classified (HNOC)	None known.		
Supplemental information	11.8% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 11.8% of the mixture consists of component(s) of unknown long-term hazards to th aquatic environment.		

# 3. Composition/information on ingredients

Mixtures				
Chemical name	Common name and synonyms	CAS number	%	
ALCOHOL DENATURED		64-17-5	50 - < 60	
ISOBUTANE		75-28-5	5 - < 10	
PROPANE		74-98-6	1 - < 3	
Other components below re	portable levels		30 - < 40	

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures		
4. I li st-alu measures		
Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.	
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.	
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.	
Ingestion	In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.	
Most important symptoms/effects, acute and delayed	Coughing. Headache. Irritation of nose and throat. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation.	
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observatic Symptoms may be delayed.	
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.	
5. Fire-fighting measures		
Suitable extinguishing media	Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).	
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.	
Specific hazards arising from the chemical	Contents under pressure.	
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.	
Fire fighting equipment/instructions	In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been expose to heat. Move containers from fire area if you can do so without risk. Containers should be coole with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.	
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.	
6. Accidental release meas	sures	
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.	
Methods and materials for containment and cleaning up	Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.	
	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.	
Environmental precautions	Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.	

7. Handling and storage	
Precautions for safe handling	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Ground and bond containers when transferring material. Do not re-use empty containers. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid release to the environment. Do not empty into drains.
Conditions for safe storage, including any incompatibilities	Level 1 Aerosol.
	Contents under pressure. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Store in a well-ventilated place. Refrigeration recommended.

8. Exposure controls/personal protection

Components	s for Air Contaminants (29 CFR 1910. Type	Value
ALCOHOL DENATURED (CAS 64-17-5)	PEL	1900 mg/m3
( , , , , , , , , , , , , , , , , , , ,		1000 ppm
PROPANE (CAS 74-98-6)	PEL	1800 mg/m3
		1000 ppm
US. ACGIH Threshold Lim	it Values	
Components	Туре	Value
ALCOHOL DENATURED (CAS 64-17-5)	STEL	1000 ppm
ISOBUTANE (CAS 75-28-5)	STEL	1000 ppm
US. NIOSH: Pocket Guide Components	to Chemical Hazards Type	Value
ALCOHOL DENATURED (CAS 64-17-5)	TWA	1900 mg/m3
		1000 ppm
ISOBUTANE (CAS 75-28-5)	TWA	1900 mg/m3
		800 ppm
PROPANE (CAS 74-98-6)	TWA	1800 mg/m3
		1000 ppm
logical limit values	No biological exposure limits noted t	for the ingredient(s).
propriate engineering htrols	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Proviey eyewash station.	
-	s, such as personal protective equipr	
Eye/face protection	Wear safety glasses with side shield	ls (or goggles).
Skin protection Hand protection	Wear appropriate chemical resistant gloves.	
Other	Wear appropriate chemical resistant clothing.	
Respiratory protection	If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.	
Thermal hazards	Wear appropriate thermal protective	clothing, when necessary.
neral hygiene nsiderations	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.	

Material name: Vangard Briza

# 9. Physical and chemical properties

9. Physical and chemical				
Appearance	Compressed gas.			
Physical state	Liquid.			
Form	Aerosol. Compressed gas.			
Color	Colorless to light yellow.			
Odor	Matches to Standard			
Odor threshold	Not available.			
рН	10			
Melting point/freezing point	Not available.			
Initial boiling point and boiling	Not available.			
range Elech point	58.0 °E (14.4 °C) estimated			
Flash point	8.0 °F (14.4 °C) estimated			
Evaporation rate	Not available. Not available.			
Flammability (solid, gas)				
Upper/lower flammability or expl Flammability limit - lower	1.9 % estimated			
(%)				
Flammability limit - upper	8.5 % estimated			
(%)				
Explosive limit - lower (%)	Not available.			
Explosive limit - upper (%)	Not available.			
Vapor pressure	5150.1 hPa estimated			
Vapor density	Not available.			
Relative density	Not available.			
Solubility(ies)				
Solubility (water)	Not available.			
Partition coefficient	Not available.			
(n-octanol/water)	<b>N 1 1 1</b>			
Auto-ignition temperature	Not available.			
Decomposition temperature	Not available.			
Viscosity	Not available.			
Other information				
Density	7.42 lbs/gal estimated			
Flame extension	24 in			
Flammability (flash back)	0			
Heat of combustion (NFPA 30B)	18.17 kJ/g estimated			
Percent volatile	99.9 % estimated			
Specific gravity	0.89 estimated			
VOC	64.83 % estimated			

### 10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Nitrates. Fluorine. Chlorine.
Hazardous decomposition products	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Causes serious eye irritation.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	Coughing. Headache. Irritation of nose and throat. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation.

#### Information on toxicological effects

#### Acute toxicity

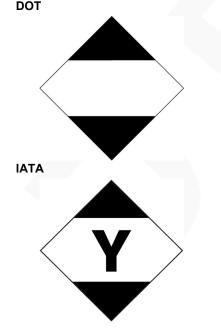
Vangard Briza Acute Inhalation LC50 Mouse Rat Oral LD50 Mouse Rat Other LD50 Mouse Rat Components Speci ALCOHOL DENATURED (CAS 64-17-5) Acute Inhalation LC50 Mouse Rat Oral LD50 Mouse Rat Other LD50 Mouse Rat Some Rat Rat Some R	9	525 mg/l, 1 Hours estimated 74 mg/l, 4 Hours estimated 76420 mg/l, 15 Minutes estimated 37710 ppm, 10 Hours estimated 6488 mg/kg estimated 12 g/kg estimated 1711 mg/kg estimated	
Inhalation LC50 Mouse Rat Oral LD50 Mouse Rat Other LD50 Mouse Rat Components Special ALCOHOL DENATURED (CAS 64-17-5) Acute Inhalation LC50 Mouse Rat Oral LD50 Mouse Rat Special Acute Inhalation Rat Coral LD50 Mouse Rat Mouse Rat Nouse Rat Nouse Rat Nouse Rat Nouse Rat Nouse Rat Nouse Rat Nouse Rat Nouse Rat Nouse Rat Nouse Rat Nouse Rat Nouse Rat Nouse Rat Nouse Rat Nouse Rat Nouse Rat Nouse Nouse Rat Nouse Nouse Rat Nouse	9	74 mg/l, 4 Hours estimated 76420 mg/l, 15 Minutes estimated 37710 ppm, 10 Hours estimated 6488 mg/kg estimated 12 g/kg estimated	
LC50 Mouse Rat Oral LD50 Mouse Rat Other LD50 Mouse Rat Components Speci ACUTE Inhalation LC50 Mouse Rat Oral LD50 Mouse Rat SOBUTANE (CAS 75-28-5) Acute Inhalation LC50 Mouse Rat	9	74 mg/l, 4 Hours estimated 76420 mg/l, 15 Minutes estimated 37710 ppm, 10 Hours estimated 6488 mg/kg estimated 12 g/kg estimated	
Rat Oral LD50 Mouse Rat Dther LD50 Mouse Rat Components Second ACCHOL DENATURED (CAS 64-17-5) Acute Inhalation LC50 Mouse Rat Oral LD50 Mouse Rat SOBUTANE (CAS 75-28-5) Acute Inhalation LC50 Mouse Rat Cother LD50 Mouse Rat Mouse Rat Cother LD50 Mouse	9	74 mg/l, 4 Hours estimated 76420 mg/l, 15 Minutes estimated 37710 ppm, 10 Hours estimated 6488 mg/kg estimated 12 g/kg estimated	
Oral       Mouse         LD50       Mouse         Other       Rat         LD50       Mouse         Components       Mouse         Acute       Speci         Inhalation       Rat         LD50       Mouse         Acute       Rat         Inhalation       Rat         LD50       Mouse         Oral       Rat         LD50       Mouse         Inhalation       Rat         Other       Rat         LD50       Mouse         Rat       Rat         Other       Rat         LD50       Mouse         Rat       Rat         Cother       Rat         LD50       Mouse         Rat       Rat         Cother       Rat         LD50       Mouse         SOBUTANE (CAS 75-28-5)       Rat         LC50       Mouse         * Estimates for product may be set of the se		76420 mg/l, 15 Minutes estimated 37710 ppm, 10 Hours estimated 6488 mg/kg estimated 12 g/kg estimated	
Oral       Mouse         LD50       Mouse         Other       Rat         LD50       Mouse         Components       Mouse         Acute       Speci         Inhalation       Rat         LD50       Mouse         Acute       Rat         Inhalation       Rat         LD50       Mouse         Coral       Rat         LD50       Mouse         Inhalation       Rat         D50       Mouse         Rat       Rat         Other       Rat         LD50       Mouse         Rat       Rat         D50       Mouse         Rat       Rat         LD50       Mouse         Inhalation       Rat         LC50       Mouse         Inhalation       Rat         LC50       Mouse         * Estimates for product may be used of the second		37710 ppm, 10 Hours estimated 6488 mg/kg estimated 12 g/kg estimated	
LD50 Mouse Rat Other LD50 Mouse Rat Components Speci ALCOHOL DENATURED (CAS 64-17-5) Acute Inhalation LC50 Mouse Rat Other LD50 Mouse Rat SOBUTANE (CAS 75-28-5) Acute Inhalation LC50 Mouse Rat Cother LD50 Mouse Rat		6488 mg/kg estimated 12 g/kg estimated	
LD50 Mouse Rat Other LD50 Mouse Rat Components Speci ALCOHOL DENATURED (CAS 64-17-5) Acute Inhalation LC50 Mouse Rat Other LD50 Mouse Rat SOBUTANE (CAS 75-28-5) Acute Inhalation LC50 Mouse Rat Cother LD50 Mouse Rat		12 g/kg estimated	
Rat Other LD50 Mouse Rat Components Spect ALCOHOL DENATURED (CAS 64-17-5) Acute Inhalation LC50 Mouse Rat Oral LD50 Mouse Rat SOBUTANE (CAS 75-28-5) Acute Inhalation LC50 Mouse Rat Cother LD50 Mouse Rat Mouse Rat Mouse Rat		12 g/kg estimated	
Other Mouse   LD50 Mouse   Rat Special   Components Special   Acute Inhalation   Inhalation Rat   LD50 Mouse   Oral Rat   LD50 Mouse   Other Rat   LD50 Mouse   SOBUTANE (CAS 75-28-5) Rats   Acute Inhalation   Inhalation Rats   LD50 Mouse   Mouse Rats   Cother Rats   LD50 Mouse   Kacute Rats   Inhalation Rats   LC50 Mouse   Kacute Mouse   Inhalation Rats   LC50 Mouse   * Estimates for product may be used of	9		
LD50 Mouse Rat Components Spect ALCOHOL DENATURED (CAS 64-17-5) <u>Acute</u> Inhalation LC50 Mouse Rat Oral LD50 Mouse Rat Soburtane (CAS 75-28-5) <u>Acute</u> Inhalation LC50 Mouse Rat Soburtane (CAS 75-28-5) <u>Acute</u> Inhalation LC50 Mouse Rat	e	1711 mg/kg estimated	
Rat Special ALCOHOL DENATURED (CAS 64-17-5) Acute Inhalation LC50 Mouse Coral LD50 Mouse Rat Oral LD50 Mouse Rat Soburtane (CAS 75-28-5) Acute Inhalation LC50 Mouse Rat Rat Coral Coral LD50 Mouse Rat Coral Coral Coral LD50 Mouse Rat	9	1711 mg/kg estimated	
Components       Special         ALCOHOL DENATURED (CAS 64-17-5)       Acute         Inhalation       Inhalation         LC50       Mouse         Oral       Rat         Dther       Rat         LD50       Mouse         Dther       Rat         LD50       Mouse         LC50       Mouse         * Estimates for product may be set of			
ALCOHOL DENATURED (CAS 64-17-5) Acute Inhalation LC50 Mouse Rat Oral LD50 Mouse Rat Other LD50 Mouse Rat ISOBUTANE (CAS 75-28-5) Acute Inhalation LC50 Mouse * Estimates for product may be based or		2715 mg/kg estimated	
ALCOHOL DENATURED (CAS 64-17-5) Acute Inhalation LC50 Mouse Rat Oral LD50 Mouse Rat Other LD50 Mouse Rat ISOBUTANE (CAS 75-28-5) Acute Inhalation LC50 Mouse * Estimates for product may be based or	es	Test Results	
Acute Inhalation LC50 Mouse Rat Dral LD50 Mouse Rat Cother LD50 Mouse Rat SOBUTANE (CAS 75-28-5) Acute Inhalation LC50 Mouse * Estimates for product may be based of			
Inhalation LC50 Mouse Rat Oral LD50 Mouse Rat Cther LD50 Mouse Rat SOBUTANE (CAS 75-28-5) Acute Inhalation LC50 Mouse * Estimates for product may be seed of			
Rat Oral LD50 Mouse Rat Cother LD50 Mouse Rat Nouse Nouse			
Oral LD50 Mouse Rat Other LD50 Mouse Rat SOBUTANE (CAS 75-28-5) Acute Inhalation LC50 Mouse * Estimates for product may be based of	9	39 mg/l, 4 Hours	
LD50 Mouse Rat Dother LD50 Mouse Rat ISOBUTANE (CAS 75-28-5) Acute Inhalation LC50 Mouse * Estimates for product may be based of		20000 ppm, 10 Hours	
LD50 Mouse Rat Dother LD50 Mouse Rat ISOBUTANE (CAS 75-28-5) Acute Inhalation LC50 Mouse * Estimates for product may be based of			
Other LD50 Mouse Rat SOBUTANE (CAS 75-28-5) Acute Inhalation LC50 Mouse * Estimates for product may be based of	9	3450 mg/kg	
Other LD50 Mouse Rat ISOBUTANE (CAS 75-28-5) Acute Inhalation LC50 Mouse * Estimates for product may be based of		6.2 g/kg	
LD50 Mouse Rat SOBUTANE (CAS 75-28-5) <u>Acute</u> Inhalation LC50 Mouse * Estimates for product may be based of		5.5	
Rat ISOBUTANE (CAS 75-28-5) Acute Inhalation LC50 Mouse * Estimates for product may be based of	9	933 mg/kg	
SOBUTANE (CAS 75-28-5) Acute Inhalation LC50 Mouse * Estimates for product may be based o		1440 mg/kg	
Acute Inhalation LC50 Mouse * Estimates for product may be based o			
Inhalation LC50 Mouse * Estimates for product may be based o			
LC50 Mouse * Estimates for product may be based o			
* Estimates for product may be based o	9	52 mg/l, 1 Hours	
Skin corrosion/irritation Prolong	n additional component data no	t shown.	
	Prolonged skin contact may cause temporary irritation.		
Serious eye damage/eye Causes rritation	serious eye irritation.		
Respiratory or skin sensitization			
Respiratory sensitization Not ava	Not available.		
Skin sensitization This pro	This product is not expected to cause skin sensitization.		
	duct is not expected to cause sl	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	

Carcinogenicity	This product	is not considered to be a carcinogen by IA	RC, ACGIH, NTP, or OSHA.	
IARC Monographs. Overall	Evaluation of (	Carcinogenicity		
Not listed. OSHA Specifically Regulat	ed Substances	(29 CFR 1910.1001-1052)		
Not regulated. US. National Toxicology Pr	ogram (NTP) R	eport on Carcinogens		
Not listed.				
Reproductive toxicity		oductive hazard.		
Specific target organ toxicity - single exposure	Not classified	l.		
Specific target organ toxicity - repeated exposure	Not classified	1.		
Aspiration hazard	Not available			
Chronic effects	Prolonged inl	halation may be harmful.		
12. Ecological information	n			
Ecotoxicity	Toxic to aqua	atic life with long lasting effects. Accumulat	ion in aquatic organisms is expected.	
Product		Species	Test Results	
Vangard Briza				
Aquatic				
Crustacea	EC50	Daphnia	1791.5503 mg/l, 48 hours estimated	
Fish	LC50	Fish	3931.9646 mg/l, 96 hours estimated	
Components		Species	Test Results	
ALCOHOL DENATURED (C	AS 64-17-5)			
Aquatic				
Crustacea	EC50	Water flea (Daphnia magna)	7.7 - 11.2 mg/l, 48 hours	
Fish	LC50	Fathead minnow (Pimephales promelas	) > 100 mg/l, 96 hours	
* Estimates for product may	be based on add	ditional component data not shown.		
Persistence and degradability		ailable on the degradability of this product		
Bioaccumulative potential	No data avail	able.		
Partition coefficient n-octa	nol / water (log	Kow)		
ALCOHOL DENATURED		-0.31		
ISOBUTANE PROPANE		2.76 2.36		
Mobility in soil	No data avail			
Other adverse effects		erse environmental effects (e.g. ozone dep locrine disruption, global warming potentia		
13. Disposal consideration	ons			
Disposal instructions	Consult author	orities before disposal. Contents under pre	ssure. Do not puncture, incinerate or crush.	
	Do not allow waterways or	this material to drain into sewers/water sup ditches with chemical or used container. I	oplies. Do not contaminate ponds, Dispose of contents/container in	
Local disposal regulations		accordance with local/regional/national/international regulations. Dispose in accordance with all applicable regulations.		
Hazardous waste code	•	ode should be assigned in discussion betw	een the user, the producer and the waste	
Waste from residues / unused products	product resid	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).		
Contaminated packaging	Since emptie	ners should be taken to an approved wast d containers may retain product residue, fo not re-use empty containers.	e handling site for recycling or disposal. ollow label warnings even after container is	

# 14. Transport information

### DOT

DOT	
UN number	UN1950
UN proper shipping name	Aerosols, non-flammable, (each not exceeding 1 L capacity), Limited Quantity
Transport hazard class(es)	
Class	2.2
Subsidiary risk	
Label(s)	2.2
Packing group	Not available.
Special precautions for user	Not available.
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None
ΙΑΤΑ	
UN number	UN1950
UN proper shipping name	Aerosols, non-flammable, (each not exceeding 1 L capacity), Limited Quantity
Transport hazard class(es)	
Class	2.2
Subsidiary risk	-
Label(s)	2.2
Packing group	Not available.
Environmental hazards	No.
Special precautions for user	Not available.
IMDG	
UN number	UN1950
UN proper shipping name	Aerosols, non-flammable, (each not exceeding 1 L capacity)
Transport hazard class(es)	
Class	2.2
Subsidiary risk	-
Label(s)	2.2
Packing group	Not available.
Environmental hazards	
Marine pollutant	No.
EmS	Not available.
Special precautions for user	Not available.
Transport in bulk according to	Not available.
Annex II of MARPOL 73/78 and	
the IBC Code	
DOT	



IMDG



**General information** 

IMDG Regulated Marine Pollutant.

### 15. Regulatory information

15. Regulatory information	on and a second s
US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are listed or exempted from listing on the U.S. EPA TSCA Inventory List.
Toxic Substances Control A	Act (TSCA)
TSCA Section 12(b) Ex	port Notification (40 CFR 707, Subpt. D)
Not regulated.	
CERCLA Hazardous Substa	ance List (40 CFR 302.4)
ALCOHOL DENATURED ISOBUTANE (CAS 75-28 PROPANE (CAS 74-98-0	8-5)     Listed.       6)     Listed.
SARA 304 Emergency relea	ise notification
	ed Substances (29 CFR 1910.1001-1052)
Not regulated.	
Superfund Amendments and Re SARA 302 Extremely hazar	eauthorization Act of 1986 (SARA)
Not listed.	uous substance
SARA 311/312 Hazardous chemical	Yes
Classified hazard categories	Gas under pressure Serious eye damage or eye irritation
SARA 313 (TRI reporting) Not regulated.	
Other federal regulations	
Clean Air Act (CAA) Section	n 112 Hazardous Air Pollutants (HAPs) List
Not regulated. Clean Air Act (CAA) Section	n 112(r) Accidental Release Prevention (40 CFR 68.130)
ISOBUTANE (CAS 75-28 PROPANE (CAS 74-98-6	
Safe Drinking Water Act (SDWA)	Not regulated.
FEMA Priority Substan	ces Respiratory Health and Safety in the Flavor Manufacturing Workplace
ALCOHOL DENATU	JRED (CAS 64-17-5) Low priority
US state regulations	
California Proposition 65	
WARNING: W	ARNING: This product contains a chemical known to the State of California to cause cancer.
California Proposition	65 - CRT: Listed date/Carcinogenic substance
	IENOL (CAS 90-43-7) Listed: August 4, 2000
	te Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3,
ISOBUTANE (CAS	75-28-5)

#### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

### 16. Other information, including date of preparation or last revision

Draft version.
Draft version.
02
The information provided in this 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.
Composition / Information on Ingredients: Ingredients Physical & Chemical Properties: Multiple Properties Physical and chemical properties: Color Transport Information: Proper Shipping Name/Packing Group