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SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

1. Identification

Product identifier

Product No.:	Product name:	Common name(s), synonym(s)
212531	BOTTLE GRAM SAFRANIN 250ML	No data available

Recommended restrictions

Recommended use: Laboratory Chemicals

Restrictions on use: None known.

Manufacturer/Importer/Distributor Information

Manufacturer

Company Name: BD, Integrated Diagnostic Solutions
Address: 7 Loveton Circle
Sparks, MD 21152
USA

Telephone: 1 844 823 5433
Fax: not available
Contact Person: Tech Services

Emergency telephone number: CHEMTREC 1 800 424 9300

2. Hazard(s) identification

Hazard Classification

Physical Hazards

Flammable liquids Category 3

Label Elements

Hazard Symbol:



Signal Word: Warning



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Hazard Statement: H226: Flammable liquid and vapor.

Precautionary Statements

Prevention: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240: Ground and bond container and receiving equipment.
P241: Use explosion-proof electrical equipment.
P242: Use non-sparking tools.
P243: Take action to prevent static discharges.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response: P370+P378: In case of fire: Use water spray, fog, CO2, dry chemical, or alcohol resistant foam.
P308+P313: IF exposed or concerned: Get medical advice/attention.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

Storage: P403: Store in a well-ventilated place.
P235: Keep cool.
P405: Store locked up.
P233: Keep container tightly closed.

Disposal: P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other hazards which do not result in GHS classification:

FK: Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment.
Spark: Sparks may ignite liquid and vapor.
H241: May cause flash fire or explosion.

3. Composition/information on ingredients
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Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%) [*]
Ethanol	No data available.	64-17-5	19.00%
Methanol	No data available.	67-56-1	1.00%

^{*} All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Description of necessary first-aid measures

General information:	Get medical attention if symptoms occur.
Inhalation:	Provide fresh air, warmth and rest, preferably in comfortable upright sitting position.
Skin Contact:	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
Eye contact:	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Call a POISON CENTER/doctor if you feel unwell.
Ingestion:	Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.
Personal Protection for First-aid Responders:	No data available.
Most important symptoms and effects, both acute and delayed Symptoms:	No data available.
Hazards:	No data available.

Indication of immediate medical attention and special treatment needed

Treatment:	No data available.
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5. Fire-fighting measures

General Fire Hazards:	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Use water spray to keep fire-exposed containers cool. In case of fire: Evacuate area.
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Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media: Not applicable

Special hazards arising from the substance or mixture: Fire or excessive heat may produce hazardous decomposition products.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: May travel considerable distance to source of ignition and flash back. May explode when heated or when exposed to flames or sparks.

Special protective equipment for fire-fighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Contact local authorities in case of spillage to drain/aquatic environment. Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

Accidental release measures: No data available.
Methods and material for containment and cleaning up: All equipment used when handling the product must be grounded. Eliminate sources of ignition. Prevent spreading of vapors through sewers, ventilation systems and confined areas. Absorb spillage with suitable absorbent material. Prevent runoff from entering drains, sewers, or streams. See Section 8 of the SDS for Personal Protective Equipment. For waste disposal, see section 13 of the SDS.

Environmental Precautions: Avoid release to the environment.

7. Handling and storage**Handling**

Technical measures (e.g. Local and general ventilation): Use explosion-proof ventilation equipment. Adequate ventilation should be provided so that exposure limits are not exceeded.

Safe handling advice: When using do not eat, drink or smoke. Read and follow manufacturer's recommendations. Use personal protective equipment as required. Use spark-proof tools and explosion-proof equipment.



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Contact avoidance measures: No data available.

Storage

Safe storage conditions: Keep container tightly closed. Keep in a cool, ventilated location far from heat source and flame

Safe packaging materials: No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values		Source
Ethanol	AN ESL	1,000 ppb		US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
	ST ESL	10,000 ppb		US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
	AN ESL	1,880 µg/m3		US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
	ST ESL	18,800 µg/m3		US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
	STEL	1,000 ppm		US. ACGIH Threshold Limit Values, as amended
	REL	1,000 ppm	1,900 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	IDLH	3,300 ppm		US. NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended
	LEL	3.3 %		US. NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended
	PEL	1,000 ppm	1,900 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	1,000 ppm	1,900 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA	1,000 ppm	1,900 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended
	TWA PEL	1,000 ppm	1,900 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended
Methanol	STEL	250 ppm	325 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA	200 ppm	260 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL	250 ppm	325 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended



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	TWA	200 ppm	260 mg/m ³	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended
	ST ESL		2,620 µg/m ³	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
	AN ESL		200 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
	AN ESL		262 µg/m ³	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
	ST ESL		2,000 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
	STEL	250 ppm	325 mg/m ³	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended
	TWA PEL	200 ppm	260 mg/m ³	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended
	Ceiling	1,000 ppm		US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended
	STEL	250 ppm		US. ACGIH Threshold Limit Values, as amended
	TWA	200 ppm		US. ACGIH Threshold Limit Values, as amended
	REL	200 ppm	260 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	STEL	250 ppm	325 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	200 ppm	260 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	IDLH	6,000 ppm		US. NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended

Please refer to the latest edition of the appropriate source text and consult an industrial hygienist or similar professional, or local agencies, for further information.

Biological Limit Values

Chemical name	Parameters / Sampling Time	Exposure Limit Values	Source
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Appropriate Engineering Controls

Use explosion-proof ventilation equipment. Adequate ventilation should be provided so that exposure limits are not exceeded.

Individual protection measures, such as personal protective equipment



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Eye/face protection:	Wear safety glasses with side shields (or goggles).
Skin Protection	
Hand Protection:	Material: Chemical resistant gloves Additional Information: Wash hands after contact. Material: Suitable gloves can be recommended by the glove supplier.
Skin and Body Protection:	Wear a lab coat or similar protective clothing.
Respiratory Protection:	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
Hygiene measures:	Observe good industrial hygiene practices.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state:	liquid
Form:	liquid
Color:	According to product specification.
Odor:	Characteristic
Odor Threshold:	No data available.
Freezing point:	No data available.
Boiling Point:	174 °F/79 °C
Flammability:	No data available.

Upper/lower limit on flammability or explosive limits

Explosive limit - upper:	22 %(V)
Explosive limit - lower:	6.5 %(V)
Flash Point:	102.0 °F/38.9 °C
Self Ignition Temperature:	No data available.
Decomposition Temperature:	No data available.
pH:	No data available.
Viscosity	
Dynamic viscosity:	Not determined.
Kinematic viscosity:	Not determined.
Flow Time:	No data available.

Solubility(ies)



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Solubility in Water:	Completely Soluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Vapor pressure:	59 hPa (68 °F/20 °C)
Relative density:	No data available.
Density:	0.79 g/cm ³
Bulk density:	No data available.
Relative vapor density:	No data available.

Particle characteristics

Particle Size:	No data available.
Particle Size Distribution:	No data available.
Specific surface area:	No data available.
Surface charge/Zeta potential:	No data available.
Shape:	No data available.
Crystallinity:	No data available.
Surface treatment:	No data available.

Other information

Minimum ignition temperature:	797.0 °F/425.0 °C
Metal Corrosion:	Non-corrosive per US Department of Transportation testing protocol.

10. Stability and reactivity

Reactivity:	Material is stable under normal conditions.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	Not determined.
Conditions to avoid:	Avoid exposure to high temperatures or direct sunlight. Flammable/combustible - Keep away from oxidizers, heat and flames. Keep away from sources of ignition - No smoking.
Incompatible Materials:	No data available.



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**Hazardous Decomposition
Products:**

Stable; however, may decompose if heated.

11. Toxicological information

Information on toxicological effects

Inhalation:	No data available.
Skin Contact:	No data available.
Eye contact:	Elevated temperatures or mechanical action may form vapors, mist, or fumes which may be irritating to the eyes, nose, throat, or lungs.
Ingestion:	No data available.

Information on likely routes of exposure

Acute toxicity (list all possible routes of exposure)

Oral

Product:	ATEmix: 10,000 mg/kg
Components:	
Ethanol	LD 50 (Rat): 10,470 mg/kg Experimental result, Key study
Methanol	LD 50 (Pig): 5,000 mg/kg

Dermal

Product:	ATEmix: 30,000 mg/kg
Components:	
Ethanol	LD 50 (Rabbit): 17,100 mg/kg LD 50 (Rabbit): 17,100 mg/kg Read-across from supporting substance (structural analogue or surrogate), Supporting study
Methanol	LD 50 (Rabbit): 17,100 mg/kg

Inhalation

Product:	ATEmix: 300 mg/l Vapour
Components:	
Ethanol	LC 50 (Rat, 4 h): 117 - 125 mg/l 2 = reliable with restrictions; LC 50 (Rat, 4 h): > 115.9 mg/l Vapor; 2 = reliable with restrictions; Vapor, Read-across from supporting substance (structural analogue or surrogate), Weight of Evidence study LC 50: 0.039 g/m ³ LC 50: 20000 ppm
Methanol	LOAEL (Rat, 6 h): 0.27 - 13.3 mg/l Inhalation; 2 = reliable with restrictions; Experimental result, Supporting study, Inhalation

Repeated dose toxicity

Product:	No data available.
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Components:

Ethanol	Based on available data, the classification criteria are not met. NOAEL (Mouse(female), Oral, 90 d): > 9,400 mg/kg Oral Experimental result, Supporting study NOAEL (Mouse(Male), Oral, 90 d): < 9,700 mg/kg Oral Experimental result, Supporting study NOAEL (Rat(female), Oral, 90 d): < 4,400 mg/kg Oral Experimental result, Supporting study NOAEL (Monkey(Female, Male), Oral, <= 48 Months): < 6,200 mg/kg Oral Experimental result, Supporting study
Methanol	NOAEL (Mouse(Female, Male), Inhalation, 7,202 - 7,373 h): 0.13 mg/l Experimental result, Weight of Evidence study Inhalation NOAEL (Rat(Male), Inhalation, 1 - 6 Weeks): 2.65 mg/l Experimental result, Supporting study Inhalation NOAEL (Rat(Male), Inhalation): 1.06 mg/l Experimental result, Supporting study Inhalation NOAEL (Rat(Female, Male), Inhalation, 7,318 - 7,496 h): 0.13 mg/l Experimental result, Weight of Evidence study Inhalation LOAEL (Rat(Female, Male), Inhalation, 7,318 - 7,496 h): 1.3 mg/l Experimental result, Weight of Evidence study Inhalation

Skin Corrosion/Irritation

Product:	No data available.
Components:	
Ethanol	in vivo (Rabbit): Not irritant in vivo (Human): Not irritant
Methanol	No data available.

Serious Eye Damage/Eye Irritation

Product:	No data available.
Components:	
Ethanol	Not irritating in vivo Rabbit, 24 - 72 hrs: EU
Methanol	Not irritating in vivo Rabbit, 24 - 72 hrs:

Respiratory or Skin Sensitization

Product:	No data available.
Components:	
Ethanol	Based on available data, the classification criteria are not met. Skin sensitization:, in vivo (Guinea pig): Non sensitising
Methanol	Skin sensitization:, in vivo (Guinea pig): Non sensitising

Carcinogenicity

Product:	No data available.
Components:	
Ethanol	Based on available data, the classification criteria are not met.
Methanol	No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogens present or none present in regulated quantities



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US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogens present or none present in regulated quantities

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:

No carcinogens present or none present in regulated quantities

Germ Cell Mutagenicity

In vitro

Product:	No data available.
Components:	
Ethanol	Based on available data, the classification criteria are not met.
Methanol	No data available.

In vivo

Product:	No data available.
Components:	
Ethanol	Based on available data, the classification criteria are not met.
Methanol	No data available.

Reproductive toxicity

Product:	No data available.
Components:	
Ethanol	Based on available data, the classification criteria are not met.
Methanol	No data available.

Specific Target Organ Toxicity - Single Exposure

Product:	No data available.
Components:	
Ethanol	Based on available data, the classification criteria are not met.
Methanol	Oral: Nervous System - Causes damage to organs.

Specific Target Organ Toxicity - Repeated Exposure

Product:	No data available.
Components:	
Ethanol	Based on available data, the classification criteria are not met.
Methanol	No data available.

Aspiration Hazard

Product:	No data available.
Components:	
Ethanol	No data available.
Methanol	No data available.

Information on health hazards

Other hazards

Product:	No data available.
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12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product:	Toxic to aquatic organisms.
Components:	
Ethanol	LC 50 (Fathead Minnow, 96 h): 14,200 mg/l LC 50 (Fathead Minnow, 96 h): 15,300 mg/l LC 50 (Oncorhynchus mykiss, 24 h): 11,200 mg/l Experimental result, Supporting study
Methanol	LC 50 (Pimephales promelas, 96 h): 29,400 mg/l EC 50 (Pimephales promelas, 96 h): 28,900 mg/l Experimental result, Supporting study LC 50 (Pimephales promelas, 48 h): 28,400 mg/l Experimental result, Supporting study LC 50 (Pimephales promelas, 96 h): 28,100 mg/l Experimental result, Supporting study LC 50 (Trachinotus carolinus, 24 h): 10,112 mg/l Experimental result, Supporting study

Aquatic Invertebrates

Product:	Toxic to aquatic organisms.
Components:	
Ethanol	LC 50 (Water flea (Ceriodaphnia dubia), 48 h): 5,012 mg/l LC 50 (Grass shrimp, freshwater prawn (Palaemonetes kadiakensis), 18 h): 10,100 mg/l LC 50 (Ceriodaphnia dubia, 48 h): 5,012 mg/l Experimental result, Key study LC 50 (Grass shrimp, freshwater prawn (Palaemonetes kadiakensis), 96 h): > 250 mg/l Mortality
Methanol	EC 50 (Daphnia magna, 96 h): 18,260 mg/l Experimental result, Key study

Toxicity to Aquatic Plants

Product:	No data available.
Components:	
Ethanol	EC 50 (Green algae (Chlorella vulgaris), 72 h): 275 mg/l
Methanol	No data available.

Toxicity to microorganisms

Product:	No data available.
Components:	
Ethanol	LC 50 (Turbellarian, flatworm (Dugesia tigrina), 96 h): > 100 mg/l Mortality
Methanol	LC 50 (Turbellarian, flatworm (Dugesia tigrina), 96 h): > 100 mg/l Mortality

Chronic hazards to the aquatic environment:



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Fish

Product:	No data available.
Components:	
Ethanol	NOAEL (Oryzias latipes, 200 h): 7,900 mg/l (Static) Read-across from supporting substance (structural analogue or surrogate), Supporting study
Methanol	NOAEL (Oryzias latipes, 200 h): 11,850 mg/l (Static) Experimental result, Supporting study EC 50 (Oryzias latipes, 200 h): 9,164 mg/l (Static) Experimental result, Supporting study LOAEL (Oryzias latipes, 200 h): 7,900 mg/l (Static) Experimental result, Supporting study

Aquatic Invertebrates

Product:	No data available.
Components:	
Ethanol	EC10 (Water flea (Daphnia magna), 10 d): 454 mg/l NOEC (Water flea (Daphnia magna), 10 d): 9.6 mg/l NOAEL (Ceriodaphnia dubia, 10 d): 9.6 mg/l (semi-static) Experimental result, Key study NOAEL (Daphnia magna, 9 d): 9.6 mg/l (semi-static) Experimental result, Key study
Methanol	NOAEL (Daphnia magna, 21 d): 208 mg/l Estimated by calculation, Weight of Evidence study

Toxicity to Aquatic Plants

Product:	No data available.
Components:	
Ethanol	No data available.
Methanol	No data available.

Toxicity to microorganisms

Product:	No data available.
Components:	
Ethanol	LC 50 (Turbellarian, flatworm (Dugesia tigrina), 96 h): > 100 mg/l Mortality
Methanol	LC 50 (Turbellarian, flatworm (Dugesia tigrina), 96 h): > 100 mg/l Mortality

Persistence and Degradability

Biodegradation

Product:	Expected to be readily biodegradable.
Components:	



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Ethanol	Readily biodegradable 13.6 % (5 d) Soil Read-across from supporting substance (structural analogue or surrogate), Supporting study 89 % (14 d) Detected in water. Experimental result, Supporting study 53.4 % (5 d) Soil Read-across from supporting substance (structural analogue or surrogate), Supporting study 46.3 % (5 d) Soil Read-across from supporting substance (structural analogue or surrogate), Supporting study
Methanol	84 % Experimental result, Key study Detected in water. 46.3 % (5 d) Experimental result, Supporting study Soil 69 % Experimental result, Key study Detected in water. 71.5 % (5 d) Experimental result, Key study Detected in water. 82.7 % (5 d) Experimental result, Key study Detected in water.

BOD/COD Ratio

Product:	No data available.
Components:	
Ethanol	No data available.
Methanol	No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product:	No data available.
Components:	
Ethanol	Potential to bioaccumulate is low. Cyprinus carpio, Bioconcentration Factor (BCF): 3 Aquatic sediment Read-across from supporting substance (structural analogue or surrogate), Supporting study Cyprinus carpio, Bioconcentration Factor (BCF): 1 Aquatic sediment Read-across from supporting substance (structural analogue or surrogate), Supporting study Cyprinus carpio, Bioconcentration Factor (BCF): 4.5 Aquatic sediment Read-across from supporting substance (structural analogue or surrogate), Supporting study
Methanol	Leuciscus idus, Bioconcentration Factor (BCF): < 10 Aquatic sediment Experimental result, Supporting study Cyprinus carpio, Bioconcentration Factor (BCF): 4.5 Aquatic sediment Experimental result, Supporting study Cyprinus carpio, Bioconcentration Factor (BCF): 1 Aquatic sediment Experimental result, Supporting study Cyprinus carpio, Bioconcentration Factor (BCF): 3 Aquatic sediment Experimental result, Supporting study Green algae (Chlorella fusca vacuolata), Bioconcentration Factor (BCF): 28,400 (Static)

Partition Coefficient n-octanol / water (log Kow)

Product:	Log Kow: No data available.
Components:	
Ethanol	No data available.
Methanol	Log Kow: -0.77



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Mobility in soil:

Product	No data available.
Components:	
Ethanol	soil - Very mobile liquid
Methanol	No data available.

Results of PBT and vPvB assessment:

Product	No data available.
Components:	
Ethanol	Not fulfilling PBT (persistent/bioaccumulative/toxic) criteria Not fulfilling vPvB (very persistent/very bioaccumulative) criteria
Methanol	No data available.

Other adverse effects:

Other hazards	
Product:	Toxic to aquatic organisms.

13. Disposal considerations

General information:	Dispose of waste and residues in accordance with local authority requirements. This product is highly flammable. Don't use fire to cut empty container after use.
Disposal methods:	Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.
Contaminated Packaging:	No data available.



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14. Transport information

DOT

UN number or ID number:	UN 3316
UN Proper Shipping Name:	Chemical kits
Transport Hazard Class(es)	
Class:	9
Label(s):	9
Packing Group:	III
Marine Pollutant:	No
Special precautions for user:	Not regulated.

IMDG

UN number or ID number:	UN 3316
UN Proper Shipping Name:	CHEMICAL KIT
Transport Hazard Class(es)	
Class:	9
Subsidiary risk:	9
EmS No.:	F-A, S-P
Packing Group:	III
Environmental Hazards	
Marine Pollutant:	No
Special precautions for user:	Not regulated.

IATA

UN number or ID number:	UN 3316
Proper Shipping Name:	Chemical kit
Transport Hazard Class(es):	
Class:	9
Subsidiary risk:	9MI
Packing Group:	III
Environmental Hazards	
Marine pollutant:	No
Special precautions for user:	Not regulated.

15. Regulatory information

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
None present or none present in regulated quantities.



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US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)

None present or none present in regulated quantities.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

Chemical Identity

Ethanol
Methanol

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Flammable (gases, aerosols, liquids, or solids), Hazards Not Otherwise Classified (HNOC)

US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

Chemical Identity

Methanol

% by weight

1.0%

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

US State Regulations

US. California Proposition 65



WARNING: This product can expose you to chemicals including, Ethanol which is [are] known to the State of California to cause cancer and birth defects or other reproductive harm.

This product can expose you to chemicals including, Methanol which is [are] known to the State of California to cause birth defects or other reproductive harm.

For more information go to www.P65Warnings.ca.gov.

US. New Jersey Worker and Community Right-to-Know Act

Chemical Identity

Ethanol
Methanol



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US. Massachusetts RTK - Substance List

Chemical Identity

Ethanol

US. Pennsylvania RTK - Hazardous Substances

Chemical Identity

Ethanol

US. Rhode Island RTK

Chemical Identity

Ethanol

International regulations

Montreal protocol

Not applicable

Stockholm convention

Not applicable

Rotterdam convention

Not applicable

Kyoto protocol

Not applicable

16. Other information, including date of preparation or last revision
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Issue Date: 12/22/2021

Version #: 2.2

Further Information: No data available.

Disclaimer: Disclaimer:
The information contained herein has been obtained from various sources and is believed to be correct as of the date issued. However, neither BD nor any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability for a particular use of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. BD provides SDS in electronic form so the information may be more easily accessed. Due to the possibility of errors during transmission, BD makes no representations as to the completeness or accuracy of the information.



Version: 2.2
Last revised date: 12/22/2021

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