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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)
261185	Dropper Indole	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:	Business Unit Product Stewardship Team
E-mail:	IDS_SDS@bd.com

Emergency telephone number: CHEMTREC 1 800 424 9300

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2. Hazard(s) identification

Hazard Classification

Physical Hazards

Flammable liquids	Category 3

Health Hazards

Acute toxicity (Oral)	Category 4
Skin Corrosion/Irritation	Category 1B
Serious Eye Damage/Eye Irritation	Category 1
Specific Target Organ Toxicity - Single Exposure	Category 3

Label Elements

Hazard Symbol:

Signal Word: Danger

Hazard Statement:
H226: Flammable liquid and vapor.
H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.

Precautionary Statements

Prevention:
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
P240: Ground and bond container and receiving equipment.
P241: Use explosion-proof electrical, ventilating and lighting equipment.
P242: Use non-sparking tools.
P243: Take action to prevent static discharges.
P260: Do not breathe dust/fume/gas/mist/vapors/spray.
P264: Wash face, hands and any exposed skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.

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	P271: Use only outdoors or in a well-ventilated area. P280: Wear protective gloves/protective clothing/eye protection/face protection.
Response:	P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P312: Call a POISON CENTER or doctor/ physician if you feel unwell. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P363: Wash contaminated clothing before reuse. P321: Specific treatment (see supplemental first aid instructions on this label). P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P310: Immediately call a POISON CENTER/doctor. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
Storage:	P403+P233: Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up.
Disposal:	P501: Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.
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 (%)*
1-Propanol, 2-methyl-	No data available.	78-83-1	62.3%
Hydrochloric acid	No data available.	7647-01-0	32.1%
Benzaldehyde, 4-(dimethylamino)-	No data available.	100-10-7	5.6%

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

4. First-aid measures

Description of first aid measures

General information: Get immediate medical advice/attention. If medical advice is needed, have product container or label at hand.

Inhalation: Provide fresh air, warmth and rest, preferably in comfortable upright sitting position.

Skin Contact: Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention if symptoms occur. Wash contaminated clothing before reuse.

Eye contact: Important! Immediately rinse with water for at least 15 minutes.

Ingestion: If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Get medical attention immediately.

Personal Protection for First-aid Responders: No data available.

Most important symptoms and effects, both acute and delayed

Symptoms: Symptoms may be delayed.

Hazards: Harmful if swallowed. Causes severe skin burns and eye damage. May cause respiratory irritation. May cause drowsiness or dizziness.

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Indication of immediate medical attention and special treatment needed

Treatment:	If swallowed, rinse mouth with water (only if the person is conscious). Get immediate medical advice/attention.

5. Fire-fighting measures

General Fire Hazards:	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Use water to keep fire exposed containers cool and disperse vapors.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:	Water spray, fog, CO2, dry chemical, or alcohol resistant foam.
Unsuitable extinguishing media:	Avoid water in straight hose stream; will scatter and spread fire.
Special hazards arising from the substance or mixture:	COMBUSTIBLE. Vapors are flammable and heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a flashback fire danger. Fire or excessive heat may produce hazardous decomposition products.

Special protective equipment and precautions for fire-fighters

Special fire-fighting procedures:	May form explosive or toxic mixtures with air. Static charges generated by emptying package in or near flammable vapor may cause flash fire. May travel considerable distance to source of ignition and flash back. During fire, gases hazardous to health may be formed.
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:	Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area. Contact local authorities in case of spillage to drain/aquatic environment.

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Accidental release measures:	No data available.
Methods and material for containment and cleaning up:	Absorb spillage with suitable absorbent material. Stop leak if possible without any risk. 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:	Do not release into the environment. Environmental manager must be informed of all major spillages.

7. Handling and storage

Handling

Technical measures:	No data available.
Local/Total ventilation:	No data available.
Safe handling advice:	Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes and avoid contact with skin and clothing. Wash promptly with soap and water if skin becomes contaminated. When using do not eat, drink or smoke. Read and follow manufacturer's recommendations. Use personal protective equipment as required.
Contact avoidance measures:	No data available.

Storage

Safe storage conditions:	Store in tightly closed original container in a dry, cool and well-ventilated place. Store locked up. Follow rules for flammable liquids.
Safe packaging materials:	No data available.

8. Exposure controls/personal protection

Control Parameters

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Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values		Source
1-Propanol, 2-methyl-	TWA	50 ppm	150 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA	50 ppm	150 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended
	AN ESL		50 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
	ST ESL		500 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
	AN ESL		152 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
	ST ESL		1,520 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
	TWA PEL	50 ppm	150 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended
	TWA	50 ppm		US. ACGIH Threshold Limit Values, as amended
	REL	50 ppm	150 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	100 ppm	300 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	IDLH	1,600 ppm		US. NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended
	LEL		1.7 %	US. NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended
Hydrochloric acid	Ceiling	5 ppm	7 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	Ceiling	5 ppm	7 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended
	ST ESL		130 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended

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	AN ESL		5.7 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
	AN ESL		8.4 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
	ST ESL		190 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
	Ceiling	5 ppm	7 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended
	Ceiling	2 ppm		US. ACGIH Threshold Limit Values, as amended
	Ceil_Time	5 ppm	7 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	Ceiling	5 ppm	7 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	IDLH	50 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

No biological exposure limits noted for the ingredient(s).

Appropriate Engineering Controls Adequate ventilation should be provided whenever the material is heated or mists are generated.

Individual protection measures, such as personal protective equipment

Eye/face protection: Chemical goggles are recommended.

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Skin Protection

Hand Protection:	Material: Chemical resistant gloves
Skin and Body Protection:	Wear appropriate clothing to prevent any possibility of skin contact.
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:	Do not eat, drink or smoke when using the product. Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Avoid contact with skin. Do not breathe dust/fume/gas/mist/vapors/spray.

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:	185 °F/85 °C

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Flammability:	No data available.
Upper/lower limit on flammability or explosive limits	
Explosive limit - upper:	No data available.
Explosive limit - lower:	No data available.
Flash Point:	75 °F/24 °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)	
Solubility in Water:	Completely Soluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Vapor pressure:	20 hPa (68 °F/20 °C)
Relative density:	No data available.
Density:	No data available.
Bulk density:	No data available.
Relative vapor density:	No data available.

Other information
No data available

10. Stability and reactivity

Reactivity:	Material is stable under normal conditions.
Chemical Stability:	No data available.
Possibility of hazardous reactions:	Stable; however, may decompose if heated. At elevated temperature may liberate poisonous gas.

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Conditions to avoid:	Heat, sparks, flames. Shocks and physical damage. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.
Incompatible Materials:	Strong oxidizing agents. Peroxides. Strong acids. Other metals or alloys.
Hazardous Decomposition Products:	By fire, toxic gases may be formed (COx, NOx).

11. Toxicological information

General information: Symptoms may be delayed.

Information on toxicological effects

Inhalation:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.
Ingestion:	Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation:	No data available.
Skin Contact:	Causes severe skin burns.
Eye contact:	Causes serious eye damage.
Ingestion:	No data available.

Information on likely routes of exposure

Acute toxicity (list all possible routes of exposure)

Oral

Product:	ATEmix: 500 mg/kg
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-	No data available.

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(dimethylamino)-

Dermal

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

Inhalation

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	LC 50 (Rat, 4 h): 1405 ppm LC 50 (Rat, 1 h): 2810 ppm
Benzaldehyde, 4-(dimethylamino)-	No data available.

Repeated dose toxicity

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	NOAEL (Rat(Female, Male), Inhalation): >= 7.5 mg/l Experimental result, Key study Inhalation NOAEL (Rat(Female, Male), Inhalation): 3 mg/l Experimental result, Key study Inhalation NOAEL (Rat(Female, Male), Inhalation): >= 7.5 mg/l Experimental result, Key study Inhalation
Hydrochloric acid	NOAEL (Mouse(Female, Male), Inhalation, 4 - 91 d): 20 ppm(m) Experimental result, Key study Inhalation NOAEL (Rat(Female, Male), Inhalation, 4 - 91 d): 10 ppm(m) Experimental result, Key study Inhalation NOAEL (Rat(Female, Male), Inhalation, 4 - 91 d): 20 ppm(m) Experimental result, Key study Inhalation LOAEL (Mouse(Female, Male), Inhalation, 4 - 91 d): 50 ppm(m) Experimental result, Key study Inhalation NOAEL (Guinea pig; Monkey; Rabbit(female), Inhalation, 2 - 20 d): 0.05 mg/l Experimental result, Supporting study Inhalation
Benzaldehyde, 4-(dimethylamino)-	No data available.

Skin Corrosion/Irritation

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

Serious Eye Damage/Eye Irritation

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Product:	No data available.
Components:	
1-Propanol, 2-methyl-	Irritating in vivo , Rabbit, 24 - 72 hrs: EU Irritating in vivo Rabbit, 24 - 72 hrs: EU Irritating in vivo Rabbit, 24 - 72 hrs: EU Irritating in vivo Rabbit, 24 - 72 hrs: EU
Hydrochloric acid	Category 1 in vivo , Rabbit, 1 hrs: EU Category 1 in vivo Rabbit, 1 d: EU Category 1 in vivo Rabbit, 1 - 21 d: EU Category 1 in vivo Rabbit, 3 - 7 d: EU Category 1 in vivo Rabbit, 1 - 24 hrs: EU Category 1 in vivo Rabbit, 1 - 7 d: EU Category 1 in vivo Rabbit, 1 - 2 d: EU
Benzaldehyde, 4-(dimethylamino)-	No data available.

Respiratory or Skin Sensitization

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	Skin sensitization:, in vivo (Guinea pig): Non sensitising
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

Carcinogenicity

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
No carcinogens present or none present in regulated quantities

ACGIH: US.ACGIH Threshold Limit Values:
No carcinogens present or none present in regulated quantities

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:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.

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Benzaldehyde, 4-(dimethylamino)-	No data available.

In vivo

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

Reproductive toxicity

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

Specific Target Organ Toxicity - Single Exposure

Product:	Category 3 with respiratory tract irritation. Category 3 with narcotic effects. May cause respiratory irritation. May cause drowsiness or dizziness.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

Aspiration Hazard

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	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:	No data on possible environmental effects have been found.
Components:	
1-Propanol, 2-methyl-	LC 50 (Pimephales promelas, 96 h): 1,430 mg/l LC 50 (Pimephales promelas, 96 h): 1,430 mg/l Experimental result, Key study
Hydrochloric acid	LC 50 (Western mosquitofish (Gambusia affinis), 96 h): 282 mg/l Mortality LC 50 (Western mosquitofish (Gambusia affinis), 48 h): 282 mg/l Mortality LC 50 (Western mosquitofish (Gambusia affinis), 24 h): 282 mg/l Mortality
Benzaldehyde, 4-(dimethylamino)-	No data available.

Aquatic Invertebrates

Product:	No data on possible environmental effects have been found.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	LC 50 (Common shrimp, sand shrimp (Crangon crangon), 48 h): 260 mg/l Mortality LC 50 (Green or European shore crab (Carcinus maenas), 48 h): 240 mg/l Mortality
Benzaldehyde, 4-(dimethylamino)-	No data available.

Toxicity to Aquatic Plants

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

Toxicity to microorganisms

Product:	No data available.
Components:	

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1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

Chronic hazards to the aquatic environment:

Fish

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

Aquatic Invertebrates

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

Toxicity to Aquatic Plants

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

Toxicity to microorganisms

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

Persistence and Degradability

Biodegradation

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	70 - 80 % (28 d) Experimental result, Key study Detected in water. 90 - 100 % (14 d) Experimental result, Supporting study Detected in water.
Hydrochloric acid	No data available.

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Benzaldehyde, 4-(dimethylamino)-	No data available.

BOD/COD Ratio

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

Partition Coefficient n-octanol / water (log Kow)

Product:	No data available.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

Mobility in soil:

Product	No data available.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

Results of PBT and vPvB assessment:

Product	No data available.
Components:	
1-Propanol, 2-methyl-	No data available.
Hydrochloric acid	No data available.
Benzaldehyde, 4-(dimethylamino)-	No data available.

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Other adverse effects:

Other hazards
Product: No data available.

13. Disposal considerations

General information: Dispose of waste and residues in accordance with local authority requirements. This material and its container must be disposed of as hazardous waste.

Disposal methods: Discharge, treatment, or disposal may be subject to national, state, or local laws. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Since emptied containers retain product residue, follow label warnings even after container is emptied.

Contaminated Packaging: 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.

14. Transport information

DOT

UN number or ID number:	UN 2924
UN Proper Shipping Name:	Flammable liquids, corrosive, n.o.s.(isobutanol, hydrochloric acid)
Transport Hazard Class(es)	
Class:	3
Label(s):	3, 8
Packing Group:	III
Marine Pollutant:	No
Special precautions for user:	This package conforms to 49 CFR 173.4

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IMDG

UN number or ID number:	UN 2924
UN Proper Shipping Name:	FLAMMABLE LIQUID, CORROSIVE, N.O.S.(isobutanol, hydrochloric acid)
Transport Hazard Class(es)	
Class:	3
Subsidiary risk:	3, 8
EmS No.:	F-E, S-C
Packing Group:	III
Environmental Hazards	
Marine Pollutant:	No
Special precautions for user:	EQ

IATA

UN number or ID number:	UN 2924
Proper Shipping Name:	FLAMMABLE LIQUID, CORROSIVE, N.O.S.(isobutanol, hydrochloric acid)
Transport Hazard Class(es):	
Class:	3
Subsidiary risk:	3, 8
Packing Group:	III
Environmental Hazards	
Marine pollutant:	No
Special precautions for user:	EQ

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.

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.

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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

1-PROPANOL, 2-METHYL-

HYDROCHLORIC ACID

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Flammable (gases, aerosols, liquids, or solids), Acute toxicity (any route of exposure), Skin Corrosion or Irritation, Serious eye damage or eye irritation, Specific target organ toxicity (single or repeated exposure), Hazards Not Otherwise Classified (HNOC)

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

Chemical Identity
Hydrogen chloride (anhydrous); Hydrogen chloride (gas only)

US. EPCRA (SARA Title III Section 313 Toxic Chemical Release Inventory (TRI) Reporting

Chemical Identity	% by weight
HYDROCHLORIC ACID (ACID AEROSOLS INCLUDING MISTS, VAPORS, GAS, FOG, AND OTHER AIRBORNE FORMS OF ANY PARTICLE SIZE)	1.0%

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

Chemical Identity
HYDROCHLORIC ACID (CONC. 37% OR GREATER)
HYDROGEN CHLORIDE (ANHYDROUS)

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

Chemical Identity
HYDROCHLORIC ACID

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US State Regulations

US. California Proposition 65

No ingredient requiring a warning under CA Prop 65.

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

Issue Date:	10/14/2022
Version #:	2.2
Source of information:	European Chemicals Agency (ECHA): Information on Chemicals.
Further Information:	No data available.

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