

1. Identification

Product identifier	H2S Inhibitor - SC	
Other means of identification		
Product code		
Recommended use	Film Forming H2S Inhibitor	
Recommended restrictions	For industrial applications only.	
Manufacturer/Importer/Supplier/Distributor information		
Manufacturer		
Company name	FINORIC LLC	
Address	8115 LOOP 540 Beasley, Texas 77417 United States	
Telephone	1(855) 346-6742	8:00 - 5:00 CST, Mon. - Fri.
E-mail	www.finoric.com	
Emergency phone number	1-800-535-5053	Within USA and Canada
	352-323-3500	Outside USA and Canada

2. Hazard(s) identification

Physical hazards	Flammable liquids	Category 3
Health hazards	Acute toxicity, dermal	Category 4
	Acute toxicity, inhalation	Category 3
	Skin corrosion/irritation	Category 1
	Serious eye damage/eye irritation	Category 1
	Carcinogenicity	Category 2
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Specific target organ toxicity, repeated exposure	Category 1
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 3
	Hazardous to the aquatic environment, long-term hazard	Category 2
OSHA defined hazards	Not classified.	

Label elements



Signal word	Danger
Hazard statement	Toxic to aquatic life with long lasting effects. Flammable liquid and vapor. May cause respiratory irritation. Suspected of causing cancer. May cause drowsiness or dizziness. Causes severe skin burns and eye damage

Precautionary statement

Prevention	Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/hot surfaces. - No smoking. Obtain special instructions before use. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing vapors. Wash hands thoroughly
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after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment.
Wear protective clothing.



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Response	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse.
Storage	Keep cool. Store in a well-ventilated place. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	Prolonged or repeated contact may cause drying, cracking, or irritation.
Supplemental information	Wash hands thoroughly after handling. Avoid contact with eyes, skin, and clothing.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
solvent naphtha (petroleum), light aromatic		64742-95-6	20-30
1,2,4-trimethylbenzene		95-63-6	10-20
kerosene		8008-20-6	10-20
1,3,5-trimethylbenzene		108-67-8	5-10
1,2,3-trimethylbenzene		526-73-8	1-5
diethylamine		109-89-7	1-5
isopropanol		67-63-0	1-5
xylene, mixed isomers		1330-20-7	1-5
aniline		62-53-3	0.1-1
cumene		98-82-8	0.1-1
naphthalene		91-20-3	0.1-1

4. First-aid measures

Inhalation	Get medical attention immediately. Call a POISON CENTER or doctor/physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Never give anything by mouth to a victim who is unconscious or is having convulsions. If unconscious, place in recovery position and get medical attention immediately. Loosen tight clothing such as a collar, tie, belt, or waistband. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	Get medical attention immediately. Call a POISON CENTER or doctor/physician. Wash affected area with soap and mild detergent for at least 20-60 minutes. Remove contaminated clothing immediately and wash skin with soap and water. Wash contaminated clothing before reuse. Chemical burns must be treated by a physician. Wash clothing separately before reuse.
Eye contact	Get medical attention immediately. Call a physician or poison control center immediately. Immediately flush the eye(s) continuously with lukewarm, gently flowing water for at least 20-60 minutes while holding the eyelid(s) open. Check for and remove any contact lenses. Chemical burns must be treated by a physician.
Ingestion	Get medical attention immediately. Call a physician or poison control center immediately. If swallowed, rinse mouth with water (only if the person is conscious). If material is swallowed and the exposed person is conscious, give small quantities of water to drink. Never give anything by mouth to a victim who is unconscious or is having convulsions. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not induce vomiting without advice from poison control center.
Most important	symptoms/effects, acute and delayed



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Indication of immediate medical attention and special treatment needed

Causes severe eye damage May cause central nervous system effects. May cause drowsiness or dizziness. May cause respiratory irritation. Causes severe burns. Defatting of the skin. May cause burns to mouth, throat, and stomach

In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Do not use water jet

5. Fire-fighting measures

Suitable extinguishing media

Flammable liquid and vapor. By heating and fire, harmful vapors/gases may be formed. Vapors may have considerable distance to a source of ignition and flash back. Runoff to sewer may cause fire or explosion hazard. This material is toxic to aquatic life with long lasting effects.

Unsuitable extinguishing media

Firefighters should wear full protective clothing including self contained breathing apparatus.

Specific hazards arising from the chemical

Move containers from fire area if you can do so without risk. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Use water spray to cool unopened containers.

Special protective equipment and precautions for firefighters

Fire fighting equipment/instructions

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Do not touch or walk through spilled material. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Do not breathe vapors or spray mist. Ensure adequate ventilation. Wear appropriate personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment.

Methods and materials for containment and cleaning up

Small Spills: Stop leak if you can do so without risk. Move containers from spill area. Use only non-sparking tools. Dilute with water and mop up if water-soluble.

Large Spills: Stop leak if you can do so without risk. Move containers from spill area. Dike the spilled material, where this is possible. In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Environmental precautions

Avoid discharge into drains, water courses or onto the ground. In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. Avoid release to the environment. Collect spillage.

7. Handling and storage

Precautions for safe handling

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). Do not handle until all safety precautions have been read and understood. Do not handle or store near an open flame, heat or other sources of ignition. Take precautionary measures against static discharges. Use only with adequate ventilation. Do not breathe the mist or vapor. Do not get in eyes, on skin, on clothing. Do not ingest. Wash hands thoroughly after handling. Avoid release to the environment. In case of inadequate ventilation wear respiratory protection.

Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in accordance with local/regional/national/international regulation. Keep locked-up. Store away from incompatible materials (see Section 10 of the SDS). Store away from strong oxidizers. Keep containers closed when not in use.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
aniline (CAS 62-53-3)	PEL	19 mg/m3



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cumene (CAS 98-82-8)	PEL	5 ppm 245 mg/m ³
diethylamine (CAS 109-89-7)	PEL	50 ppm 75 mg/m ³
isopropanol (CAS 67-63-0)	PEL	25 ppm 980 mg/m ³
naphthalene (CAS 91-20-3)	PEL	400 ppm 50 mg/m ³
xylene, mixed isomers (CAS 1330-20-7)	PEL	10 ppm 435 mg/m ³
		100 ppm

US. ACGIH Threshold Limit Values Components

Components	Type	Value	Form
1,2,3-trimethylbenzene (CAS 526-73-8)	TWA	25 ppm	

US. ACGIH Threshold Limit Values Components

Components	Type	Value	Form
1,2,4-trimethylbenzene (CAS 95-63-6)	TWA	25 ppm	
1,3,5-trimethylbenzene (CAS 108-67-8)	TWA	25 ppm	
aniline (CAS 62-53-3)	TWA	2 ppm	
cumene (CAS 98-82-8)	TWA	50 ppm	
diethylamine (CAS 109-89-7)	STEL	15 ppm	
	TWA	5 ppm	
isopropanol (CAS 67-63-0)	STEL	400 ppm	
	TWA	200 ppm	
kerosene (CAS 8008-20-6)	TWA	200 mg/m ³	Non-aerosol.
naphthalene (CAS 91-20-3)	TWA	10 ppm	
xylene, mixed isomers (CAS 1330-20-7)	STEL	150 ppm	
	TWA	100 ppm	

US. NIOSH: Pocket Guide to Chemical Hazards Components

Components	Type	Value
1,2,3-trimethylbenzene (CAS 526-73-8)	TWA	125 mg/m ³
		25 ppm
1,2,4-trimethylbenzene (CAS 95-63-6)	TWA	125 mg/m ³
		25 ppm
1,3,5-trimethylbenzene (CAS 108-67-8)	TWA	125 mg/m ³



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cumene (CAS 98-82-8)	TWA	25 ppm 245 mg/m ³ 50 ppm
diethylamine (CAS 109-89-7)	STEL	75 mg/m ³
	TWA	25 ppm 30 mg/m ³ 10 ppm
isopropanol (CAS 67-63-0)	STEL	1225 mg/m ³ 500 ppm
	TWA	980 mg/m ³ 400 ppm
kerosene (CAS 8008-20-6)	TWA	100 mg/m ³
naphthalene (CAS 91-20-3)	STEL	75 mg/m ³ 15 ppm
	TWA	50 mg/m ³ 10 ppm

Exposure guidelines

US - California OELs: Skin designation

aniline (CAS 62-53-3)	Can be absorbed through the skin.
cumene (CAS 98-82-8)	Can be absorbed through the skin.
diethylamine (CAS 109-89-7)	Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

aniline (CAS 62-53-3)	Skin designation applies.
cumene (CAS 98-82-8)	Skin designation applies.

US - Tennessee OELs: Skin designation

aniline (CAS 62-53-3)	Can be absorbed through the skin.
cumene (CAS 98-82-8)	Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

aniline (CAS 62-53-3)	Can be absorbed through the skin.
diethylamine (CAS 109-89-7)	Can be absorbed through the skin.
kerosene (CAS 8008-20-6)	Can be absorbed through the skin.

naphthalene (CAS 91-20-3)	Can be absorbed through the skin.
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US NIOSH Pocket Guide to Chemical Hazards: Skin designation

cumene (CAS 98-82-8)	Can be absorbed through the skin.
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US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

aniline (CAS 62-53-3)	Can be absorbed through the skin.
cumene (CAS 98-82-8)	Can be absorbed through the skin.

Appropriate engineering controls

Provide adequate ventilation. Use explosion-proof ventilation equipment to stay below exposure limits. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles) and a face shield.

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Other

Wear long sleeves and chemical resistant apron to prevent repeated or prolonged skin contact.

Respiratory protection

When respiratory protection is required, or concentrations may exceed the PEL, use an approved air-purifying respirator equipped with organic vapor cartridges or canisters. It is recommended that the canisters be changed whenever breakthrough occurs or eight (8) hours of use has occurred, whichever comes first. For emergency and other conditions where the exposure limit may be



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greatly exceeded, use an approved positive-pressure, self-contained breathing apparatus or positive-airline with auxiliary self-contained air supply.

Thermal hazards Not available.

9. Physical and chemical properties

Appearance

Physical state Liquid.

Form Not available.

Color Amber

Odor Amine-like.

Odor threshold Not available

pH 7 - 8 (5% product in 75% isopropanol/25% water solution)

Melting point/freezing point -48.64 °F (-44.8 °C) estimated / < -25.6 °F (< -32 °C) Pour point

Initial boiling point and boiling range Not available

Flash point 91.4 °F (33.0 °C) SFCC

Evaporation rate Not available

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available

Flammability limit - upper (%) Not available

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure 17.5 mm Hg @ 21 °C

Vapor density > 1 (heavier than air)

Relative density Not available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature Not available

Decomposition temperature Not available.

Viscosity Not available.

Other information

Density 7.44 lb/gal estimated

Flammability class Flammable IC estimated

Pour point < -25.6 °F (< -32 °C)

Specific gravity > 0.89 @ 15.6 °C

10. Stability and reactivity

Reactivity Not available



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Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Do not allow vapor to accumulate in low or confined areas. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.
Incompatible materials	Avoid contact with acids and oxidizing substances. Isopropanol is incompatible with acrylaldehyde, aluminium powder, and potassium tertbutoxide.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Not available.
Skin contact	Not available.
Eye contact	Not available.
Ingestion	Not available.

Symptoms related to the physical, chemical and toxicological characteristics Not available.

Information on toxicological effects

Acute toxicity

Product	Species	Test Results
H2S Inhibitor SC		
Acute		
<i>Dermal</i>		
LD50	Rabbit	3240.3748 mg/kg estimated
<i>Inhalation</i>		
LC50	Mouse	29461.6523 ppm, 7 Hours estimated
	Rat	13426.6934 ppm, 12 Hours estimated
		21.7507 mg/l, 4 Hours estimated
LD50	Rat	4565.0757 ppm, 4 Hours estimated
<i>Oral</i>		
LD50	Mouse	13670.2461 mg/kg estimated
	Rat	4470.3232 mg/kg estimated

Components

1,2,3-trimethylbenzene (CAS 526-73-8)

Acute

Oral

LD50 Rat

1,2,4-trimethylbenzene (CAS 95-63-6)

Acute

Dermal

LD50 Rabbit

Test Results

Components	Species	Test Results
8970 mg/kg		
> 3160 mg/kg		
<i>Inhalation</i>		
LC50	Rat	> 2000 ppm, 12 Hours
<i>Oral</i>		
LD50	Rat	6000 mg/kg
1,3,5-trimethylbenzene (CAS 108-67-8)		
Acute		
<i>Oral</i>		
LD50	Rat	8970 mg/kg
aniline (CAS 62-53-3)		
Acute		
<i>Dermal</i>		
LD50	Rat	1400 mg/kg
<i>Inhalation</i>		
LC50	Mouse	175 ppm, 7 Hours
<i>Oral</i>		
LD50	Dog	195 mg/kg
	Rabbit	1000 mg/kg
	Rat	250 mg/kg
cumene (CAS 98-82-8)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 3160 mg/kg
<i>Inhalation</i>		
LC50	Mouse	2000 ppm, 7 Hours
	Rat	8000 ppm, 4 Hours
<i>Oral</i>		
LD50	Rat	1400 mg/kg
diethylamine (CAS 109-89-7)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	580 mg/kg
<i>Inhalation</i>		
LC50	Rat	17.3 mg/l, 4 Hours
<i>Oral</i>		
LD50	Rat	540 mg/kg
isopropanol (CAS 67-63-0)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	12800 mg/kg
<i>Inhalation</i>		
LC50	Rat	17000 ppm, 4 hr
<i>Oral</i>		
LD50	Mouse	3600 mg/kg
	Rat	4720 mg/kg
kerosene (CAS 8008-20-6)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg

Components

Inhalation
LD50

Species

Rat

Test Results

> 680 ppm, 4 Hours

Components	Species	Test Results
<i>Oral</i> LD50	Rat	> 5000 mg/kg
naphthalene (CAS 91-20-3)		
Acute		
<i>Dermal</i> LD50	Rabbit	> 2 g/kg
<i>Oral</i> LD50	Rat	490 mg/kg
solvent naphtha (petroleum), light aromatic (CAS 64742-95-6)		
Acute		
<i>Dermal</i> LD50	Rabbit	> 2000 mg/kg
<i>Inhalation</i> LC50	Rat	> 5.61 mg/l, 4 Hours
<i>Oral</i> LD50	Rat	> 5000 mg/kg
xylene, mixed isomers (CAS 1330-20-7)		
Acute		
<i>Dermal</i> LD50	Rabbit	> 4200 mg/kg
<i>Inhalation</i> LC50	Rat	6350 ppm, 4 Hours
<i>Oral</i> LD50	Rat	3523 - 8600 mg/kg
Skin corrosion/irritation	Not available.	
Serious eye damage/eye irritation	Not available.	
Respiratory or skin sensitization		
Respiratory sensitization	Not available.	
Skin sensitization	Not available.	
Germ cell mutagenicity	Not available.	
Carcinogenicity		
IARC Monographs. Overall Evaluation of Carcinogenicity		
aniline (CAS 62-53-3)		3 Not classifiable as to carcinogenicity to humans.
cumene (CAS 98-82-8)		2B Possibly carcinogenic to humans.
naphthalene (CAS 91-20-3)		2B Possibly carcinogenic to humans.
xylene, mixed isomers (CAS 1330-20-7)		3 Not classifiable as to carcinogenicity to humans.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)		
Not listed.		
US. National Toxicology Program (NTP) Report on Carcinogens		
naphthalene (CAS 91-20-3)		Reasonably Anticipated to be a Human Carcinogen.
Reproductive toxicity	Not available.	
Specific target organ toxicity - single exposure	Respiratory tract irritation. Narcotic effects.	
Specific target organ toxicity - repeated exposure	Spleen.	
Aspiration hazard	ASPIRATI	ON HAZARD--Category 1

12. Ecological information

Ecotoxicity

Product	Species	Test Results	
H2S Inhibitor SC			
Aquatic			
Crustacea	EC50	Daphnia	21.098 mg/l, 48 hours estimated
Fish	LC50	Fish	32.4871 mg/l, 96 hours estimated

Components	Species	Test Results	
1,2,4-trimethylbenzene (CAS 95-63-6)			
Aquatic			
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>)	7.19 - 8.28 mg/l, 96 hours
1,3,5-trimethylbenzene (CAS 108-67-8)			
Aquatic			
Fish	LC50	Goldfish (<i>Carassius auratus</i>)	9.89 - 15.05 mg/l, 96 hours
aniline (CAS 62-53-3)			
Aquatic			
Crustacea	EC50	Water flea (<i>Daphnia magna</i>)	0.08 - 1 mg/l, 48 hours
Fish	LC50	Medaka, high-eyes (<i>Oryzias latipes</i>)	12.6 - 108 mg/l, 96 hours
cumene (CAS 98-82-8)			
Aquatic			
Crustacea	EC50	Brine shrimp (<i>Artemia</i> sp.)	3.55 - 11.29 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (<i>Oncorhynchus mykiss</i>)	2.7 mg/l, 96 hours
diethylamine (CAS 109-89-7)			
Aquatic			
Fish	LC50	Rainbow trout,donaldson trout (<i>Oncorhynchus mykiss</i>)	25 mg/l, 96 hours
isopropanol (CAS 67-63-0)			
Aquatic			
Fish	LC50	Bluegill (<i>Lepomis macrochirus</i>)	> 1400 mg/l, 96 hours
naphthalene (CAS 91-20-3)			
Aquatic			
Crustacea	EC50	Water flea (<i>Daphnia magna</i>)	1.09 - 3.4 mg/l, 48 hours
Fish	LC50	Pink salmon (<i>Oncorhynchus gorbuscha</i>)	1.11 - 1.68 mg/l, 96 hours
xylene, mixed isomers (CAS 1330-20-7)			
Aquatic			
Fish	LC50	Bluegill (<i>Lepomis macrochirus</i>)	7.711 - 9.591 mg/l, 96 hours

Persistence and degradability Not available.

Bioaccumulative potential Not available.

Partition coefficient n-octanol / water (log Kow)

aniline	0.9
cumene	3.66
diethylamine	0.58
isopropanol	0.05
naphthalene	3.3
xylene, mixed isomers	3.12 - 3.2

Mobility in soil Not available.

Other adverse effects Not available.

13. Disposal considerations

Disposal instructions	Do not allow this material to drain into sewers/water supplies. This material and its container must be disposed of as hazardous waste. Do not contaminate ponds, waterways or ditches with chemical or used container. Incinerate the material under controlled conditions in an approved incinerator. 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). Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.
Hazardous waste code	Not regulated.
Waste from residues / unused products	Not available.
Contaminated packaging	Not available.

14. Transport information

DOT	
UN number	UN2924
UN proper shipping name	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Contains: Isopropanol, Diethylamine) (diethylamine RQ = 3356 LBS, isopropanol RQ = 3356 LBS), MARINE POLLUTANT
Transport hazard class(es)	
Class	3
Subsidiary risk	8
Label(s)	3
Packing group	III
Environmental hazards	
Marine pollutant	Yes
Special precautions for user	Not available.
Special provisions	B1, B52, IB3, T4, TP1, TP29
Packaging exceptions	150
Packaging non bulk	203
Packaging bulk	242
IATA	
UN number	UN2924
UN proper shipping name	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Contains: Isopropanol, Diethylamine)
Transport hazard class(es)	
Class	3
Subsidiary risk	8
Packing group	III
Environmental hazards	Yes
ERG Code	3L
Special precautions for user	Not available.
Other information	
Passenger and cargo aircraft	Allowed.
Cargo aircraft only	Allowed.
IMDG	
UN number	UN2924
UN proper shipping name	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Contains: Isopropanol, Diethylamine), MARINE POLLUTANT
Transport hazard class(es)	
Class	3
Subsidiary risk	8
Packing group	III
Environmental hazards	
Marine pollutant	Yes
EmS	F-E, <u>S</u> E
Special precautions for user	Not available.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not available.

DOT



IATA; IMDG



Marine pollutant



15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are included or are exempted from listing on the US Toxic Substances Control Act Inventory.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

aniline (CAS 62-53-3)	Listed.
cumene (CAS 98-82-8)	Listed.
diethylamine (CAS 109-89-7)	Listed.
isopropanol (CAS 67-63-0)	Listed.
naphthalene (CAS 91-20-3)	Listed.
xylene, mixed isomers (CAS 1330-20-7)	Listed.

SARA 304 Emergency release notification

aniline (CAS 62-53-3) 5000 LBS

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Chemical name	CAS number	Reportable quantity	Threshold planning quantity	Threshold planning quantity, lower value	Threshold planning quantity, upper value
aniline	62-53-3	5000	1000 lbs		

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
1,2,4-trimethylbenzene	95-63-6	10-20
isopropanol	67-63-0	1-5
xylene, mixed isomers	1330-20-7	1-5
aniline	62-53-3	0.1-1
cumene	98-82-8	0.1-1
naphthalene	91-20-3	0.1-1

Other federal regulations

Safe Drinking Water Act (SDWA) Not regulated.

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

DISCLAIMER: The information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed correct as of the date hereof. It is compiled from various sources and it is not necessarily all inclusive nor fully adequate in every circumstance. In addition, these suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements applicable. This MSDS sheet is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.