

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 08/11/2014

Version:

Revision d	ate: 08/11	/2014 :		Version:
SECTION 1: Identification of the subs	stance/	mixture and of the company/u	ndertaking	
1.1. Product identifier				
Product form	: Mixtu	re		
Trade name		ISEN'S GAS TREATMENT 12 FL.OZ.		
Product code	: 4679			
		mixture and uses advised against		
1.2. Relevant identified uses of the subst Use of the substance/mixture	: Fuel /			
1.3. Details of the supplier of the safety d	ata shee	et		
Technical Chemical Company P.O. BOX 139 Cleburne, Texas 76033 T 817-645-6088				
		/TREC 24 Hour 1-800-424-9300		
Emergency number	. Cher	11 REC 24 Hour 1-800-424-9300		
SECTION 2: Hazards identification				
2.1. Classification of the substance or mi	xture			
Classification (GHS-US)				
Flam. Liq. 4 H227 Asp. Tox. 1 H304				
Full text of H-phrases: see section 16				
Tuintext of T-philases. see section to				
2.2. Label elements				
GHS-US labeling				
Hazard pictograms (GHS-US)		GHS08		
Signal word (GHS-US)	: Dang			
Hazard statements (GHS-US)	: H227	 Combustible liquid May be fatal if swallowed and enters ai 	irwavs	
Precautionary statements (GHS-US)	 H304 - May be fatal if swallowed and enters airways P210 - Keep away from heat,sparks,open flames,hot surfaces No smoking P280 - Wear protective gloves,protective clothing,eye protection,face protection P301+P310 - If swallowed: Immediately call a poison control center, doctor,physician, P331 - Do NOT induce vomiting P370+P378 - In case of fire: See Section 5.1 Extinguishing Media P403+P235 - Store in a well-ventilated place. Keep cool P405 - Store locked up P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations. 			
2.3. Other hazards				
Other hazards not contributing to the classification	: None	under normal conditions.		
2.4. Unknown acute toxicity (GHS-US)				
No data available				
SECTION 3: Composition/information	n on in	gredients		
3.1. Substance				
Not applicable				
3.2. Mixture				
Name		Product identifier	%	Classification (GHS-US)
Distillates (Petroleum), hydrotreated light		(CAS No) 64742-47-8	>= 95	Asp. Tox. 1, H304

Name	Product identifier	%	Classification (GHS-US)
Distillates (Petroleum), hydrotreated light	(CAS No) 64742-47-8	>= 95	Asp. Tox. 1, H304
Piba/Polyether/Hydrocarbon	(CAS No) Proprietary	1.04 - 1.24	Not classified
paraffins (petroleum), normal C5-20	(CAS No) 64771-72-8	< 1	Not classified
xylene, mixture of isomers	(CAS No) 1330-20-7	< 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315
distillates, hydrotreated light	(CAS No) 64742-47-8	< 1	Asp. Tox. 1, H304

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Assure fresh air breathing. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
4.2. Most important symptoms and effe	
Symptoms/injuries after ingestion	: May be fatal if swallowed and enters airways.
4.3. Indication of any immediate medic	al attention and special treatment needed
No additional information available	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2. Special hazards arising from the su	ubstance or mixture
Fire hazard	: Combustible liquid.
Explosion hazard	: May form flammable/explosive vapor-air mixture.
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release mea	isures
6.1. Personal precautions, protective e	quipment and emergency procedures
General measures	: Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.
6.1.1. For non-emergency personnel	
Protective equipment	: Gloves. Safety glasses.
Emergency procedures	: Evacuate unnecessary personnel.
6.1.2. For emergency responders	
Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.
6.2. Environmental precautions	
	fy authorities if liquid enters sewers or public waters.
6.3. Methods and material for containm	ent and cleaning up
For containment	: Dam up the liquid spill.
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
6.4. Reference to other sections	
See Heading 8. Exposure controls and persona	l protection.
SECTION 7: Handling and storage	

	ion i i nanaling and storage	
7.1.	Precautions for safe handling	
Additio	nal hazards when processed	: Handle empty containers with care because residual vapors are flammable. Keep away from heat, sparks, open flames, hot surfaces No smoking.
Precau	tions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation o vapor. No naked lights. No smoking.
Hygien	e measures	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2.	Conditions for safe storage, includin	g any incompatibilities
Technie	cal measures	: Proper grounding procedures to avoid static electricity should be followed.

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. Keep in fireproof place.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight. Heat sources.
7.3. Specific end use(s)	
Follow Label Directions.	

Follow Label Directions.

SECTION 8: Exposure controls/personal protection

8.1. **Control parameters**

ethylbenzene (100-4	1-4)		
USA ACGIH	ACGIH TWA (ppm)	100 ppm	
USA ACGIH	ACGIH STEL (ppm)	125 ppm	
USA OSHA	OSHA PEL (TWA) (mg/m ³)	435 mg/m ³	
USA OSHA	OSHA PEL (TWA) (ppm)	100	
USA OSHA	OSHA PEL (STEL) (mg/m ³)	545 mg/m³	
USA OSHA	OSHA PEL (STEL) (ppm)	125 ppm	

xylene, mixture of isomers (1330-20-7)		
USA ACGIH	ACGIH TWA (ppm)	100 ppm
USA ACGIH	ACGIH STEL (ppm)	100 ppm

Distillates (Petroleum), hydrotreated light (64742-47-8) U m)

JSA ACGIH	ACGIH TWA (ppm

8.2. **Exposure controls**

Appropriate engineering controls Personal protective equipment

- : Local exhaust venilation, vent hoods.
- : Gloves. Safety glasses. Avoid all unnecessary exposure.

200 ppm 8 Hours



Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: Wear respiratory protection.
Other information	: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

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9.1. Information on basic physical ar	nd chemical properties	
Physical state	: Liquid	
Appearance	: Colorless to pale yellow liquid.	
Color	: Colourless to light yellow.	
Odor	: Characteristic.	
Odor threshold	: No data available	
рН	: No data available	
Relative evaporation rate (butyl acetate=1)	: No data available	
Melting point	: No data available	
Freezing point	: No data available	
Boiling point	: 148 - 198 °C Lowest Component	
Flash point	: 85 °C Closed Cup	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
Flammability (solid, gas)	: No data available	
Vapor pressure	: 0.1 PSIA @ 100F	
Relative vapor density at 20 °C	: No data available	
Relative density	: 0.803 @ 70F	
Solubility	: No data available	
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Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

og Kow	: No data available
log Kow	: No data available
/iscosity, kinematic	: 1.92 cSt @ 40 Deg C
/iscosity, dynamic	: No data available
Explosive properties	: No data available
Dxidizing properties	: No data available
Explosive limits	: No data available
0.2. Other information	
/OC content	: 0.85 %
SECTION 10: Stability and reactivity	y
10.1. Reactivity	
lo additional information available	
0.2. Chemical stability	
Combustible liquid. May form flammable/explos	ive vapor-air mixture.
0.3. Possibility of hazardous reactions lot established.	
0.4. Conditions to avoid	
Direct sunlight. Extremely high or low temperatu	ures. Open flame. Overheating. Heat. Sparks.
0.5. Incompatible materials	
Strong acids. Strong bases.	
10.6. Hazardous decomposition product	
Foxic fume Carbon monoxide. Carbon dioxide	
SECTION 11: Toxicological informa	tion
1.1. Information on toxicological effects	S .
Acute toxicity	: Not classified
ethylbenzene (100-41-4)	
LD50 oral rat	3500 mg/kg (Rat; Other; Experimental value)
LD50 dermal rabbit	15415 mg/kg (Rabbit; Literature study; Other; 15432 mg/kg; Rabbit; Experimental value)
LC50 inhalation rat (mg/l)	17.8 mg/l/4h (Rat; Literature study)
LC50 inhalation rat (ppm)	4000 ppm/4h (Rat; Literature study)
xylene, mixture of isomers (1330-20-7)	
LD50 oral rat	3523 - 8600 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Literature study; 3523 mg/kg bodyweight; Rat; OECD 401: Acute Oral Toxicity; Experimental value; >4000 mg/kg bodyweight; Rat; OECD 401: Acute Oral Toxicity; Experimental value)
LDE0 dormal rabbit	
LD50 dermal rabbit	> 4200.000000 mg/kg (Rabbit; Experimental value,Rabbit; Experimental value)
LC50 inhalation rat (mg/l)	 > 4200.000000 mg/kg (Rabbit; Experimental value, Rabbit; Experimental value) 29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value)
LC50 inhalation rat (mg/l)	29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value)
	29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value) -72-8)
LC50 inhalation rat (mg/l) paraffins (petroleum), normal C5-20 (64771	29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value)
LC50 inhalation rat (mg/l) paraffins (petroleum), normal C5-20 (64771 LD50 oral rat LD50 dermal rabbit	29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value) -72-8) > 5000 mg/kg (Rat) > 2000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l) paraffins (petroleum), normal C5-20 (64771 LD50 oral rat LD50 dermal rabbit Distillates (Petroleum), hydrotreated light (mathematical distribution)	29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value) -72-8) > 5000 mg/kg (Rat) > 2000 mg/kg (Rabbit) 64742-47-8)
LC50 inhalation rat (mg/l) paraffins (petroleum), normal C5-20 (64771 LD50 oral rat LD50 dermal rabbit Distillates (Petroleum), hydrotreated light (LD50 oral rat	29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value) -72-8) > 5000 mg/kg (Rat) > 2000 mg/kg (Rabbit) 64742-47-8) > 5000 mg/kg body weight
LC50 inhalation rat (mg/l) paraffins (petroleum), normal C5-20 (64771 LD50 oral rat LD50 dermal rabbit Distillates (Petroleum), hydrotreated light (LD50 oral rat LD50 dermal rabbit	29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value) -72-8) > 5000 mg/kg (Rat) > 2000 mg/kg (Rabbit) 64742-47-8) > 5000 mg/kg body weight > 2000 mg/kg
LC50 inhalation rat (mg/l) paraffins (petroleum), normal C5-20 (64771 LD50 oral rat LD50 dermal rabbit Distillates (Petroleum), hydrotreated light (LD50 oral rat LD50 dermal rabbit LC50 inhalation rat (mg/l)	29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value) -72-8) > 5000 mg/kg (Rat) > 2000 mg/kg (Rabbit) 64742-47-8) > 5000 mg/kg body weight > 2000 mg/kg > 5.28 mg/l/4h Based on lack of mortality and systemic effects
LC50 inhalation rat (mg/l) paraffins (petroleum), normal C5-20 (64771 LD50 oral rat LD50 dermal rabbit Distillates (Petroleum), hydrotreated light (LD50 oral rat LD50 dermal rabbit LC50 inhalation rat (mg/l) Skin corrosion/irritation	29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value) -72-8) > 5000 mg/kg (Rat) > 2000 mg/kg (Rabbit) 64742-47-8) > 5000 mg/kg body weight > 2000 mg/kg > 5.28 mg/l/4h Based on lack of mortality and systemic effects : Not classified
LC50 inhalation rat (mg/l) paraffins (petroleum), normal C5-20 (64771 LD50 oral rat LD50 dermal rabbit Distillates (Petroleum), hydrotreated light (LD50 oral rat LD50 dermal rabbit LC50 inhalation rat (mg/l) Skin corrosion/irritation Serious eye damage/irritation	29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value) -72-8) > 5000 mg/kg (Rat) > 2000 mg/kg (Rabbit) 64742-47-8) > 5000 mg/kg body weight > 2000 mg/kg > 5.28 mg/l/4h Based on lack of mortality and systemic effects : Not classified : Not classified
LC50 inhalation rat (mg/l) paraffins (petroleum), normal C5-20 (64771 LD50 oral rat LD50 dermal rabbit Distillates (Petroleum), hydrotreated light (LD50 oral rat LD50 dermal rabbit LC50 inhalation rat (mg/l) Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitization	29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value) -72-8) > 5000 mg/kg (Rat) > 2000 mg/kg (Rabbit) 64742-47-8) > 5000 mg/kg body weight > 2000 mg/kg > 5.28 mg/l/4h Based on lack of mortality and systemic effects : Not classified : Not classified : Not classified : Not classified
LC50 inhalation rat (mg/l) paraffins (petroleum), normal C5-20 (64771 LD50 oral rat LD50 dermal rabbit Distillates (Petroleum), hydrotreated light (LD50 oral rat LD50 dermal rabbit LC50 inhalation rat (mg/l) Skin corrosion/irritation Serious eye damage/irritation Serious result and the sensitization Serious content of the	29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value) -72-8) > 5000 mg/kg (Rat) > 2000 mg/kg (Rabbit) 64742-47-8) > 5000 mg/kg body weight > 2000 mg/kg > 5.28 mg/l/4h Based on lack of mortality and systemic effects : Not classified : Not classified
LC50 inhalation rat (mg/l) paraffins (petroleum), normal C5-20 (64771 LD50 oral rat LD50 dermal rabbit Distillates (Petroleum), hydrotreated light (LD50 oral rat LD50 dermal rabbit LC50 inhalation rat (mg/l) Skin corrosion/irritation Serious eye damage/irritation Serious eye damage/irritation Serious eye damage/irritation Serious eye damage/irritation Serious eye damage/irritation Serious eye damage/irritation Serious eye damage/irritation	29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value) -72-8) > 5000 mg/kg (Rat) > 2000 mg/kg (Rabbit) 64742-47-8) > 5000 mg/kg body weight > 2000 mg/kg > 5.28 mg/l/4h Based on lack of mortality and systemic effects : Not classified
LC50 inhalation rat (mg/l) paraffins (petroleum), normal C5-20 (64771 LD50 oral rat LD50 dermal rabbit Distillates (Petroleum), hydrotreated light (LD50 oral rat LD50 dermal rabbit LC50 inhalation rat (mg/l) Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity ethylbenzene (100-41-4)	29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value) -72-8) > 5000 mg/kg (Rat) > 2000 mg/kg (Rabbit) 64742-47-8) > 5000 mg/kg body weight > 2000 mg/kg > 5.28 mg/l/4h Based on lack of mortality and systemic effects : Not classified : Not classified
LC50 inhalation rat (mg/l) paraffins (petroleum), normal C5-20 (64771 LD50 oral rat LD50 dermal rabbit Distillates (Petroleum), hydrotreated light (LD50 oral rat LD50 dermal rabbit LC50 inhalation rat (mg/l) Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity ethylbenzene (100-41-4) IARC group	29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value) -72-8) > 5000 mg/kg (Rat) > 2000 mg/kg (Rabbit) 64742-47-8) > 5000 mg/kg body weight > 2000 mg/kg > 5.28 mg/l/4h Based on lack of mortality and systemic effects : Not classified
LC50 inhalation rat (mg/l) paraffins (petroleum), normal C5-20 (64771 LD50 oral rat LD50 dermal rabbit Distillates (Petroleum), hydrotreated light (LD50 oral rat LD50 dermal rabbit LC50 inhalation rat (mg/l) Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity ethylbenzene (100-41-4)	29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value) -72-8) > 5000 mg/kg (Rat) > 2000 mg/kg (Rabbit) 64742-47-8) > 5000 mg/kg body weight > 2000 mg/kg > 5.28 mg/l/4h Based on lack of mortality and systemic effects : Not classified : Not classified

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Reproductive toxicity Specific target organ toxicity (single exposure)	 Not classifiedBased on available data, the classification criteria are not met Not classified
Specific target organ toxicity (repeated exposure)	: Not classifiedBased on available data, the classification criteria are not met
Aspiration hazard	: May be fatal if swallowed and enters airways.Based on available data, the classification criteria are not met
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/injuries after ingestion	: May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

ethylbenzene (100-41-4)			
LC50 fish 1	9.09 mg/l (96 h; Pimephales promelas)		
EC50 Daphnia 1	77 mg/l (24 h; Daphnia magna)		
EC50 other aquatic organisms 1	48 mg/l (72 h; Scenedesmus subspicatus)		
LC50 fish 2	4.2 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)		
EC50 Daphnia 2	75 mg/l (48 h; Daphnia magna)		
TLM fish 1	29 ppm (96 h; Lepomis macrochirus; Hard water)		
TLM fish 2	42.3 mg/l (96 h; Pimephales promelas)		
TLM other aquatic organisms 1	10 - 100,96 h		
Threshold limit algae 1	> 160 mg/l (192 h; Scenedesmus quadricauda; Toxicity test)		
Threshold limit algae 2	33 mg/l (192 h; Microcystis aeruginosa; Toxicity test)		
xylene, mixture of isomers (1330-20-7)			
LC50 fish 1	13.5 mg/l (96 h; Lepomis macrochirus; Lethal)		
EC50 Daphnia 1	150 mg/l (24 h; Daphnia magna)		
LC50 fish 2	3.77 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)		
EC50 Daphnia 2	7.4 mg/l (48 h; Daphnia magna)		
Threshold limit algae 1	72 mg/l (336 h; Selenastrum capricornutum; Growth)		
Threshold limit algae 2	10 mg/l (72 h; Skeletonema costatum)		
12.2. Persistence and degradability			
JOHNSEN'S GAS TREATMENT 12 FL.OZ.	Mar and Red and		
Persistence and degradability	Not established.		
ethylbenzene (100-41-4)			
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.		
Biochemical oxygen demand (BOD)	1.44 g O ₂ /g substance (20d.)		
Chemical oxygen demand (COD)	2.1 g O ₂ /g substance		
ThOD	3.17 g O ₂ /g substance		
BOD (% of ThOD)	(20 day(s)) 45.4		
xylene, mixture of isomers (1330-20-7)			
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Photolysis in the air.		
paraffins (petroleum), normal C5-20 (64771-72			
Persistence and degradability	Readily biodegradable in water.		
Distillates (Petroleum), hydrotreated light (64			
Persistence and degradability	Not established.		
12.3. Bioaccumulative potential			
JOHNSEN'S GAS TREATMENT 12 FL.OZ.			
Bioaccumulative potential	Not established.		
ethylbenzene (100-41-4)			
BCF fish 1	1 (6 weeks; Oncorhynchus kisutch)		
BCF fish 2	15 - 79 (Carassius auratus)		
BCF other aquatic organisms 1	4.68 (Lamellibranchiata)		
Log Pow	3.15 (Experimental value; 3.6; Experimental value; EU Method A.8; 20 °C)		
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).		

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

xylene, mixture of is		
	omers (1330-20-7)	
BCF fish 1		15 8 weeks; Salmo gairdneri (Oncorhynchus mykiss)
BCF fish 2		7 - 26 (8 weeks; Oncorhynchus mykiss)
Log Pow		3.2 (Conclusion by analogy; 20 °C)
Bioaccumulative poter	ntial	Low potential for bioaccumulation (BCF < 500).
paraffins (petroleum), normal C5-20 (64771-	-72-8)
Bioaccumulative poter	ntial	No bioaccumulation data available.
Distillates (Petroleur	n), hydrotreated light (6	54742-47-8)
Bioaccumulative poter		Not established.
•		
12.4. Mobility in se	011	
ethylbenzene (100-4	1-4)	
Surface tension		0.029 N/m
xylene, mixture of is	omers (1330-20-7)	
Ecology - soil		May be harmful to plant growth, blooming and fruit formation.
12.5. Other advers	se effects	
Other information		: Avoid release to the environment.
SECTION 1 <u>3: Dis</u>	oosal consideratio	ns
	nent methods	
Waste disposal recomm	nendations	 Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.
Additional information		: Handle empty containers with care because residual vapors are flammable.
Ecology - waste materia	als	: Avoid release to the environment. Hazardous waste due to toxicity.
	nsport information R / RID / IMDG / IATA / A	
JS DOT (ground):	NA1993, Combustible	liquid, n.o.s. (Petroleum Distillates, Xylenes), 3, III, Limited Quantity
CAO/IATA (air):	Not regulated,	
MO/IMDG (water):	Not regulated,	
	Not regulated,	
	IB3 - Authorized IBCs 31HB2, 31HN2, 31HD 110 kPa at 50 C (1.1 k Special Provision IP8 T1 - 1.5 178.274(d)(2) T4 - 2.65 178.274(d)(2) TP1 - The maximum d	Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see in Table 2 for UN2672). Normal
Special Provisions:	IB3 - Authorized IBCs: 31HB2, 31HN2, 31HD 110 kPa at 50 C (1.1 k Special Provision IP8 T1 - 1.5 178.274(d)(2) T4 - 2.65 178.274(d)(2 TP1 - The maximum d 97 / 1 + a (tr - tf) Wher celsius of the liquid du	 2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to par at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see in Table 2 for UN2672). Normal
Special Provisions: 14.2. UN proper sl	IB3 - Authorized IBCs: 31HB2, 31HN2, 31HD 110 kPa at 50 C (1.1 k Special Provision IP8 T1 - 1.5 178.274(d)(2) T4 - 2.65 178.274(d)(2 TP1 - The maximum d 97 / 1 + a (tr - tf) Wher celsius of the liquid du	 2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see in Table 2 for UN2672). Normal
Special Provisions: 14.2. UN proper sl DOT Proper Shipping N	IB3 - Authorized IBCs: 31HB2, 31HN2, 31HD 110 kPa at 50 C (1.1 k Special Provision IP8 T1 - 1.5 178.274(d)(2) T4 - 2.65 178.274(d)(2 TP1 - The maximum d 97 / 1 + a (tr - tf) Wher celsius of the liquid du	 2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see in Table 2 for UN2672). Normal
Special Provisions: 14.2. UN proper sl DOT Proper Shipping N Department of Transpo Classes	IB3 - Authorized IBCs: 31HB2, 31HN2, 31HD 110 kPa at 50 C (1.1 k Special Provision IP8 T1 - 1.5 178.274(d)(2) T4 - 2.65 178.274(d)(2 TP1 - The maximum d 97 / 1 + a (tr - tf) Wher celsius of the liquid du	 2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see in Table 2 for UN2672). Normal
Special Provisions: 14.2. UN proper sl DOT Proper Shipping N Department of Transpo Classes	IB3 - Authorized IBCs: 31HB2, 31HN2, 31HD 110 kPa at 50 C (1.1 k Special Provision IP8 T1 - 1.5 178.274(d)(2) T4 - 2.65 178.274(d)(2 TP1 - The maximum d 97 / 1 + a (tr - tf) Wher celsius of the liquid du	 2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see in Table 2 for UN2672). Normal
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Special Provisions: 14.2. UN proper sl DOT Proper Shipping N Department of Transpo Classes DOT Symbols Packing group (DOT)	IB3 - Authorized IBCs: 31HB2, 31HN2, 31HD 110 kPa at 50 C (1.1 k Special Provision IP8 T1 - 1.5 178.274(d)(2) T4 - 2.65 178.274(d)(2 TP1 - The maximum d 97 / 1 + a (tr - tf) Wher celsius of the liquid du hipping name Jame rtation (DOT) Hazard	 2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see in Table 2 for UN2672). Normal
Special Provisions: 14.2. UN proper sl DOT Proper Shipping N Department of Transpo Classes DOT Symbols Packing group (DOT) DOT Special Provisions	IB3 - Authorized IBCs: 31HB2, 31HN2, 31HD 110 kPa at 50 C (1.1 k Special Provision IP8 T1 - 1.5 178.274(d)(2) T4 - 2.65 178.274(d)(2) TP1 - The maximum d 97 / 1 + a (tr - tf) Wher celsius of the liquid du hipping name Name rtation (DOT) Hazard	 2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see in Table 2 for UN2672). Normal
Special Provisions: 14.2. UN proper sl DOT Proper Shipping N Department of Transpo Classes DOT Symbols Packing group (DOT) DOT Special Provisions DOT Special Provisions	IB3 - Authorized IBCs: 31HB2, 31HN2, 31HD 110 kPa at 50 C (1.1 k Special Provision IP8 T1 - 1.5 178.274(d)(2) T4 - 2.65 178.274(d)(2) TP1 - The maximum d 97 / 1 + a (tr - tf) Wher celsius of the liquid du hipping name Name rtation (DOT) Hazard	 2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see in Table 2 for UN2672). Normal
Special Provisions:	IB3 - Authorized IBCs: 31HB2, 31HN2, 31HD 110 kPa at 50 C (1.1 k Special Provision IP8 T1 - 1.5 178.274(d)(2) T4 - 2.65 178.274(d)(2) T91 - The maximum d 97 / 1 + a (tr - tf) Wher celsius of the liquid du hipping name Name rtation (DOT) Hazard s (49 CFR 172.102)	 2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to var at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see in Table 2 for UN2672). Normal

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

14.3. Additional information	
Other information	: No supplementary information available.
Overland transport	
No additional information available	
Fransport by sea	
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
Air transport	
DOT Quantity Limitations Passenger aircraft/r 49 CFR 173.27)	rail : 60 L
DOT Quantity Limitations Cargo aircraft only (CFR 175.75)	(49 : 220 L
SECTION 15: Regulatory informati	ion
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SECTION 15: Regulatory informati	
SECTION 15: Regulatory informati	
SECTION 15: Regulatory informati 15.1. US Federal regulations JOHNSEN'S GAS TREATMENT 12 FL.OZ.	. Delayed (chronic) health hazard
SECTION 15: Regulatory informations 15.1. US Federal regulations JOHNSEN'S GAS TREATMENT 12 FL.OZ. SARA Section 311/312 Hazard Classes	. Delayed (chronic) health hazard
SECTION 15: Regulatory informations 15.1. US Federal regulations JOHNSEN'S GAS TREATMENT 12 FL.OZ. SARA Section 311/312 Hazard Classes ethylbenzene (100-41-4)	Delayed (chronic) health hazard Fire hazard Immediate (acute) health hazard Fire hazard
SECTION 15: Regulatory informations JOHNSEN'S GAS TREATMENT 12 FL.OZ. SARA Section 311/312 Hazard Classes ethylbenzene (100-41-4) SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard Fire hazard Immediate (acute) health hazard Fire hazard
SECTION 15: Regulatory informati 5.1. US Federal regulations JOHNSEN'S GAS TREATMENT 12 FL.OZ. SARA Section 311/312 Hazard Classes ethylbenzene (100-41-4) SARA Section 311/312 Hazard Classes xylene, mixture of isomers (1330-20-7)	Delayed (chronic) health hazard Fire hazard Immediate (acute) health hazard Fire hazard Delayed (chronic) health hazard Fire hazard

15.2. International regulations

CANADA

JOHNSEN'S GAS TREATMENT 12 FL.OZ.	
WHMIS Classification	Class B Division 3 - Combustible Liquid
Distillates (Petroleum), hydrotreated light (64742-47-8)	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

ethylbenzene (100-41-4)

- U.S. Pennsylvania RTK (Right to Know) List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. California Proposition 65 Maximum Allowable Dose Levels (MADL)

SECTION 16: Other information	
Indication of changes	: Revision - See : *.
Other information	: None.

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Full tex	t of H-phrases: see section 16:		
	Asp. Tox. 1	Aspiration hazard Category 1	
	Flam. Liq. 3	Flammable liquids Category 3	
	Flam. Liq. 4	Flammable liquids Category 4	
	Skin Irrit. 2	Skin corrosion/irritation Category 2	
	H226	Flammable liquid and vapor	
	H227	Combustible liquid	
	H304	May be fatal if swallowed and enters airways	
	H315	Causes skin irritation	

NFPA health hazard	2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
NFPA fire hazard	: 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.
HMIS III Rating	
Health	: 2 Moderate Hazard - Temporary or minor injury may occur
Flammability	: 2 Moderate Hazard
Physical	: 0 Minimal Hazard
Personal Protection	: B

SDS US (GHS HazCom 2012) - Technical Chemical

The Supplier identified in Section 1 of this MSDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product

Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.