

SAFETY DATA SHEET

1. Identification

Product identifier Semi-Volatile Base Neutrals Extractable Mixture #2 - Skinner

Other means of identification

Item M-SKBN2X5

Recommended use For Laboratory Use Only

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information**Manufacturer**

Company name	Chem Service, Inc.	
Address	660 Tower Lane West Chester, PA 19380 United States	
Telephone	Toll Free	800-452-9994
	Direct	610-692-3026
Website	www.chemservice.com	
E-mail	info@chemservice.com	
Emergency phone number	Chemtec US	800-424-9300
	Chemtec outside US	+1 703-527-3887

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards	Acute toxicity, oral	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Sensitization, skin	Category 1
	Germ cell mutagenicity	Category 1
	Carcinogenicity	Category 1
	Reproductive toxicity	Category 1
	Specific target organ toxicity, repeated exposure	Category 2

Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 1
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	Hazardous to the aquatic environment, long-term hazard	Category 1
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OSHA defined hazards Not classified.

Label elements

Signal word Danger

Hazard statement Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause genetic defects. May cause cancer. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

Precautionary statement

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear eye protection/face protection. Wear protective gloves/protective clothing/eye protection/face protection.

Response

If swallowed: Call a poison center/doctor if you feel unwell. If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Rinse mouth. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage.

Storage

Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information

2.2% of the mixture consists of component(s) of unknown acute oral toxicity. 95.6% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 95.6% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Methylene chloride	Dichloromethane	75-09-2	94.6
1,2:5,6-Dibenzanthracene		53-70-3	0.2
1,2-Benzanthracene		56-55-3	0.2
1,2-Dichlorobenzene		95-50-1	0.2
1,3-Dichlorobenzene		541-73-1	0.2
1,4-Dichlorobenzene		106-46-7	0.2
1-Methylnaphthalene		90-12-0	0.2
6-Methylchrysene		1705-85-7	0.2
7,12-Dimethylbenz(a)anthracene		57-97-6	0.2
Anthracene		120-12-7	0.2
Benzo(a)pyrene		50-32-8	0.2
Benzo(b)fluoranthene		205-99-2	0.2
Benzo(k)fluoranthene		207-08-9	0.2
Bis(2-ethylhexyl)phthalate		117-81-7	0.2
Butyl benzyl phthalate		85-68-7	0.2
Chrysene		218-01-9	0.2
Dibenz(a,h)acridine		226-36-8	0.2
Diethyl phthalate		84-66-2	0.2
Dimethyl phthalate		131-11-3	0.2
Di-n-butyl phthalate		84-74-2	0.2
Di-n-octyl phthalate		117-84-0	0.2
Fluoranthene		206-44-0	0.2
Indene		95-13-6	0.2
Naphthalene		91-20-3	0.2
Phenanthrene		85-01-8	0.2
Pyrene		129-00-0	0.2
Pyridine		110-86-1	0.2
Quinoline		91-22-5	0.2

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.
Most important symptoms/effects, acute and delayed	Dizziness. Nausea. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General information	IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	<p>This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways.</p> <p>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.</p>
Environmental precautions	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

7. Handling and storage

Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Provide adequate ventilation. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.
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Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

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

Components	Type	Value
Methylene chloride (CAS 75-09-2)	STEL	125 ppm
	TWA	25 ppm

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

Components	Type	Value
1,2-Dichlorobenzene (CAS 95-50-1)	Ceiling	300 mg/m3
		50 ppm
1,4-Dichlorobenzene (CAS 106-46-7)	PEL	450 mg/m3
		75 ppm
Bis(2-ethylhexyl)phthalate (CAS 117-81-7)	PEL	5 mg/m3
Dimethyl phthalate (CAS 131-11-3)	PEL	5 mg/m3
Di-n-butyl phthalate (CAS 84-74-2)	PEL	5 mg/m3
Naphthalene (CAS 91-20-3)	PEL	50 mg/m3
		10 ppm
Pyridine (CAS 110-86-1)	PEL	15 mg/m3
		5 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
1,2-Dichlorobenzene (CAS 95-50-1)	STEL	50 ppm
	TWA	25 ppm
1,4-Dichlorobenzene (CAS 106-46-7)	TWA	10 ppm
1-Methylnaphthalene (CAS 90-12-0)	TWA	0.5 ppm
Bis(2-ethylhexyl)phthalate (CAS 117-81-7)	TWA	5 mg/m3
Diethyl phthalate (CAS 84-66-2)	TWA	5 mg/m3
Dimethyl phthalate (CAS 131-11-3)	TWA	5 mg/m3
Di-n-butyl phthalate (CAS 84-74-2)	TWA	5 mg/m3
Indene (CAS 95-13-6)	TWA	5 ppm
Methylene chloride (CAS 75-09-2)	TWA	50 ppm
Naphthalene (CAS 91-20-3)	TWA	10 ppm
Pyridine (CAS 110-86-1)	TWA	1 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
1,2-Dichlorobenzene (CAS 95-50-1)	Ceiling	300 mg/m3
		50 ppm
Bis(2-ethylhexyl)phthalate (CAS 117-81-7)	STEL	10 mg/m3
	TWA	5 mg/m3
Diethyl phthalate (CAS 84-66-2)	TWA	5 mg/m3
Dimethyl phthalate (CAS 131-11-3)	TWA	5 mg/m3

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Di-n-butyl phthalate (CAS 84-74-2)	TWA	5 mg/m3
Indene (CAS 95-13-6)	TWA	45 mg/m3 10 ppm
Naphthalene (CAS 91-20-3)	STEL	75 mg/m3 15 ppm
	TWA	50 mg/m3 10 ppm
Pyridine (CAS 110-86-1)	TWA	15 mg/m3 5 ppm

US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
Quinoline (CAS 91-22-5)	TWA	0.005 mg/m3 0.001 ppm

Biological limit values**ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
Methylene chloride (CAS 75-09-2)	0.3 mg/l	Dichloromethane	Urine	*

* - For sampling details, please see the source document.

Exposure guidelines**US - California OELs: Skin designation**

1,2-Dichlorobenzene (CAS 95-50-1) Can be absorbed through the skin.
Naphthalene (CAS 91-20-3) Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

Quinoline (CAS 91-22-5) Skin designation applies.

US ACGIH Threshold Limit Values: Skin designation

1-Methylnaphthalene (CAS 90-12-0) Can be absorbed through the skin.
Naphthalene (CAS 91-20-3) Can be absorbed through the skin.

US WEEL Guides: Skin designation

Quinoline (CAS 91-22-5) Can be absorbed through the skin.

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection Chemical respirator with organic vapor cartridge and full facepiece.

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Other Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection Chemical respirator with organic vapor cartridge and full facepiece.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties**Appearance**

Physical state	Liquid.
Form	Liquid.
Color	Not available.

Odor	Not available.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	-139 °F (-95 °C) estimated
Initial boiling point and boiling range	103.55 °F (39.75 °C) estimated
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	15.5 % estimated
Flammability limit - upper (%)	66.4 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	580 hPa estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	1033 °F (556.11 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	1.31803 g/cm3 estimated
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Percent volatile	95.6 % estimated
Specific gravity	1.32 estimated
VOC (Weight %)	95.7 % estimated

10. Stability and reactivity

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

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause damage to organs through prolonged or repeated exposure by inhalation.
Skin contact	Causes skin irritation. May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
Ingestion	Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics Dizziness. Nausea. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects**Acute toxicity** Harmful if swallowed. May cause an allergic skin reaction.

Components	Species	Test Results
1,2-Dichlorobenzene (CAS 95-50-1)		
<u>Acute</u>		
Inhalation		
LC50	Mouse	6.825 mg/l, 6 Hours
Oral		
LD50	Guinea pig	0.0008 mg/kg
	Mouse	4386 g/kg
	Rabbit	500 g/kg
	Rat	> 2000 mg/kg
1,3-Dichlorobenzene (CAS 541-73-1)		
<u>Acute</u>		
Oral		
LD50	Rat	580 mg/kg
1,4-Dichlorobenzene (CAS 106-46-7)		
<u>Acute</u>		
Dermal		
LD50	Rat	> 2000 mg/kg, 24 Hours
Inhalation		
<i>Vapor</i>		
LC50	Rat	> 5.07 mg/l, 4 Hours
Oral		
LD50	Rabbit	2830 mg/kg
	Rat	> 2000 mg/kg
1-Methylnaphthalene (CAS 90-12-0)		
<u>Acute</u>		
Oral		
LD50	Rat	1840 mg/kg
Anthracene (CAS 120-12-7)		
<u>Acute</u>		
Dermal		
LD50	Rat	> 1320 mg/kg, 24 Hours
Oral		
LD50	Mouse	> 17 g/kg
	Rat	> 16000 mg/kg
Benzo(a)pyrene (CAS 50-32-8)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg
	Rat	> 2000 mg/kg
Oral		
LD50	Mouse	433 mg/kg
	Rat	725 mg/kg
Bis(2-ethylhexyl)phthalate (CAS 117-81-7)		
<u>Acute</u>		
Dermal		
LD50	Guinea pig	10 g/kg
	Rabbit	25 g/kg

Components	Species	Test Results
		20 ml/kg, 24 Hours
Oral		
LD50	Guinea pig	26.3 g/kg
	Mouse	> 30 g/kg
	Rabbit	33.9 g/kg
	Rat	> 25 g/kg
Butyl benzyl phthalate (CAS 85-68-7)		
<u>Acute</u>		
Dermal		
LD50	Mouse	6700 mg/kg
	Rat	6700 mg/kg
Oral		
LD50	Mouse	4170 mg/kg
	Rat	2330 mg/kg
Diethyl phthalate (CAS 84-66-2)		
<u>Acute</u>		
Dermal		
LD50	Rat	> 22400 mg/kg > 10 ml/kg, 24 Hours
Inhalation		
LC50	Rat	> 4.64 mg/l, 6 Hours
Oral		
LD50	Rat	> 5 ml/kg 9500 - 31000 mg/kg
Dimethyl phthalate (CAS 131-11-3)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 12000 mg/kg
	Rat	38000 mg/kg
Oral		
LD50	Guinea pig	2900 mg/kg
	Hen	10200 mg/kg
	Mouse	8600 mg/kg
	Rabbit	5300 mg/kg
	Rat	8200 mg/kg
Di-n-butyl phthalate (CAS 84-74-2)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	4200 mg/kg 20 ml/kg
Inhalation		
LC50	Mouse	25 mg/l, 2 Hours
<i>Aerosol</i>		
LC50	Rat	>= 15.68 mg/l, 4 Hours
Oral		
LD50	Guinea pig	10000 mg/kg
	Mouse	4840 mg/kg
	Rat	6279 mg/kg

Components	Species	Test Results
Di-n-octyl phthalate (CAS 117-84-0)		
<u>Acute</u>		
Dermal		
LD50	Guinea pig	4900 mg/kg
Oral		
LD50	Mouse	13000 mg/kg
	Rat	53700 mg/kg
Fluoranthene (CAS 206-44-0)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	3180 mg/kg
Methylene chloride (CAS 75-09-2)		
<u>Acute</u>		
Dermal		
LD50	Rat	> 2000 mg/kg, Days
Inhalation		
LC50	Guinea pig	11600 ppm, 6 Hours 40.2 mg/l, 6 Hours
<i>Vapor</i>		
LC50	Mouse	49000 mg/m ³ , 7 Hours
LC50	Mouse	14400 ppm, 7 Hours 56.23 mg/l, 7 Hours 51.5 mg/l, 2 Hours 49.1 mg/l, 6 Hours
	Rat	2000 mg/l, 15 Minutes 88 mg/l, 900 Days 79 mg/l, 2 Hours 52 mg/l, 6 Hours
LD50	Mouse	16000 ppm, 7 Hours
Oral		
LD50	Rat	> 2000 mg/kg
Naphthalene (CAS 91-20-3)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2 g/kg
	Rat	> 16000 mg/kg, 24 Hours > 2500 mg/kg
Inhalation		
<i>Vapor</i>		
LC50	Rat	> 78 ppm, 4 Hours > 0.4 mg/l, 4 Hours
Oral		
LD50	Guinea pig	1200 mg/kg
	Mouse	533 mg/kg
	Rat	> 2000 mg/kg 490 mg/kg

Components	Species	Test Results
Phenanthrene (CAS 85-01-8)		
Acute		
Oral		
LD50	Mouse	700 mg/kg
Pyridine (CAS 110-86-1)		
Acute		
Dermal		
LD50	Rabbit	1000 - 2000 mg/kg, 24 Hours
Inhalation		
<i>Vapor</i>		
LC50	Rat	9010 ppm, 1 Hours 5400 ppm, 4 Hours
LD50	Rat	9000 ppm, 1 Hours
Oral		
LD50	-	1500 mg/kg
	Guinea pig	4000 mg/kg
	Mouse	0.8 g/kg
	Rat	800 - 1600 mg/kg 0.8 g/kg
Quinoline (CAS 91-22-5)		
Acute		
Dermal		
LD50	Rabbit	540 mg/kg
	Rat	1.26 ml/kg, 24 Hours
Oral		
LD50	Rat	331 mg/kg 0.24 ml/kg

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory or skin sensitization	
Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	May cause an allergic skin reaction.
Germ cell mutagenicity	May cause genetic defects.
Carcinogenicity	May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

1,2:5,6-Dibenzanthracene (CAS 53-70-3)	2A Probably carcinogenic to humans.
1,2-Benzanthracene (CAS 56-55-3)	2B Possibly carcinogenic to humans.
1,2-Dichlorobenzene (CAS 95-50-1)	3 Not classifiable as to carcinogenicity to humans.
1,3-Dichlorobenzene (CAS 541-73-1)	3 Not classifiable as to carcinogenicity to humans.
1,4-Dichlorobenzene (CAS 106-46-7)	2B Possibly carcinogenic to humans.
6-Methylchrysene (CAS 1705-85-7)	3 Not classifiable as to carcinogenicity to humans.
Anthracene (CAS 120-12-7)	3 Not classifiable as to carcinogenicity to humans.
Benzo(a)pyrene (CAS 50-32-8)	1 Carcinogenic to humans.
Benzo(b)fluoranthene (CAS 205-99-2)	2B Possibly carcinogenic to humans.
Benzo(k)fluoranthene (CAS 207-08-9)	2B Possibly carcinogenic to humans.
Bis(2-ethylhexyl)phthalate (CAS 117-81-7)	2B Possibly carcinogenic to humans.
Butyl benzyl phthalate (CAS 85-68-7)	3 Not classifiable as to carcinogenicity to humans.
Chrysene (CAS 218-01-9)	2B Possibly carcinogenic to humans.
Dibenz(a,h)acridine (CAS 226-36-8)	2B Possibly carcinogenic to humans.
Fluoranthene (CAS 206-44-0)	3 Not classifiable as to carcinogenicity to humans.

Methylene chloride (CAS 75-09-2)	2A Probably carcinogenic to humans.
Naphthalene (CAS 91-20-3)	2B Possibly carcinogenic to humans.
Phenanthrene (CAS 85-01-8)	3 Not classifiable as to carcinogenicity to humans.
Pyrene (CAS 129-00-0)	3 Not classifiable as to carcinogenicity to humans.
Pyridine (CAS 110-86-1)	3 Not classifiable as to carcinogenicity to humans.

US. National Toxicology Program (NTP) Report on Carcinogens

1,2:5,6-Dibenzanthracene (CAS 53-70-3)	Reasonably Anticipated to be a Human Carcinogen.
1,2-Benzanthracene (CAS 56-55-3)	Reasonably Anticipated to be a Human Carcinogen.
1,4-Dichlorobenzene (CAS 106-46-7)	Reasonably Anticipated to be a Human Carcinogen.
Benzo(a)pyrene (CAS 50-32-8)	Reasonably Anticipated to be a Human Carcinogen.
Benzo(b)fluoranthene (CAS 205-99-2)	Reasonably Anticipated to be a Human Carcinogen.
Benzo(k)fluoranthene (CAS 207-08-9)	Reasonably Anticipated to be a Human Carcinogen.
Bis(2-ethylhexyl)phthalate (CAS 117-81-7)	Reasonably Anticipated to be a Human Carcinogen.
Dibenz(a,h)acridine (CAS 226-36-8)	Reasonably Anticipated to be a Human Carcinogen.
Methylene chloride (CAS 75-09-2)	Reasonably Anticipated to be a Human Carcinogen.
Naphthalene (CAS 91-20-3)	Reasonably Anticipated to be a Human Carcinogen.

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

Methylene chloride (CAS 75-09-2)	Cancer
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Reproductive toxicity	May damage fertility or the unborn child.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	Not an aspiration hazard.
Chronic effects	May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

12. Ecological information

Ecotoxicity Very toxic to aquatic life with long lasting effects.

Components	Species	Test Results
1,2-Dichlorobenzene (CAS 95-50-1)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna) 0.74 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss) 1.58 mg/l, 96 hours
1,3-Dichlorobenzene (CAS 541-73-1)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna) 1.2 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus) 3.9 - 6.2 mg/l, 96 hours
1,4-Dichlorobenzene (CAS 106-46-7)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna) 0.0007 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss) 1.12 mg/l, 96 hours
1-Methylnaphthalene (CAS 90-12-0)		
Aquatic		
Fish	LC50	Fathead minnow (Pimephales promelas) 9 mg/l, 96 hours
Anthracene (CAS 120-12-7)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna) 0.081 - 0.112 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus) 0.0045 mg/l, 96 hours
Bis(2-ethylhexyl)phthalate (CAS 117-81-7)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia pulex) 0.133 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus) > 0.2 mg/l, 96 hours

Components	Species	Test Results
		> 0.2 mg/l, 96 hours
Butyl benzyl phthalate (CAS 85-68-7)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna) > 0.96 mg/l, 48 hours
Fish	LC50	Shiner perch (Cymatogaster aggregata) 0.47 - 0.56 mg/l, 96 hours
Diethyl phthalate (CAS 84-66-2)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna) 86 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss) 12 mg/l, 96 hours
Dimethyl phthalate (CAS 131-11-3)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna) 45.9 mg/l, 48 hours
Fish	LC50	Sheepshead minnow (Cyprinodon variegatus) 29 mg/l, 96 hours
Di-n-butyl phthalate (CAS 84-74-2)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna) 2.99 mg/l, 48 hours
Fish	LC50	Channel catfish (Ictalurus punctatus) 0.4 - 0.53 mg/l, 96 hours
Fluoranthene (CAS 206-44-0)		
Aquatic		
Fish	LC50	Fathead minnow (Pimephales promelas) 0.0054 - 0.0085 mg/l, 96 hours
Methylene chloride (CAS 75-09-2)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna) 1250 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) 140.8 - 277.8 mg/l, 96 hours
Naphthalene (CAS 91-20-3)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna) 1.09 - 3.4 mg/l, 48 hours
Fish	LC50	Pink salmon (Oncorhynchus gorbuscha) 1.11 - 1.68 mg/l, 96 hours
Phenanthrene (CAS 85-01-8)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna) 0.185 - 0.243 mg/l, 48 hours
Fish	LC50	Sheepshead minnow (Cyprinodon variegatus) 0.438 - 0.523 mg/l, 96 hours
Pyrene (CAS 129-00-0)		
Aquatic		
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss) > 2 mg/l, 96 hours
Pyridine (CAS 110-86-1)		
Aquatic		
Fish	LC50	Chum salmon (Oncorhynchus keta) 3.7 mg/l, 96 hours
Quinoline (CAS 91-22-5)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna) 45.9 - 57.3 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) 0.12 - 1.32 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

1,2:5,6-Dibenzanthracene	6.5
1,2-Benzanthracene	5.79
1,2-Dichlorobenzene	3.43
1,3-Dichlorobenzene	3.53
1,4-Dichlorobenzene	3.44
1-Methylnaphthalene	3.87
7,12-Dimethylbenz(a)anthracene	5.8
Anthracene	4.45
Benzo(a)pyrene	5.97
Benzo(b)fluoranthene	6.6
Benzo(k)fluoranthene	6.84
Bis(2-ethylhexyl)phthalate	7.6
Butyl benzyl phthalate	4.91
Chrysene	5.73
Diethyl phthalate	2.47
Dimethyl phthalate	1.6
Di-n-butyl phthalate	4.9
Di-n-octyl phthalate	8.1
Fluoranthene	5.16
Indene	2.92
Methylene chloride	1.25
Naphthalene	3.3
Phenanthrene	4.57
Pyrene	4.88
Pyridine	0.65
Quinoline	2.03

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information**DOT**

UN number	UN1593
UN proper shipping name	Dichloromethane, solution (Methylene chloride RQ = 1057 LBS), MARINE POLLUTANT (1,2-Dichlorobenzene, Naphthalene)
Transport hazard class(es)	
Class	6.1(PGIII)
Subsidiary risk	-
Label(s)	6.1
Packing group	III
Environmental hazards	
Marine pollutant	Yes
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	IB3, IP8, N36, T7, TP2
Packaging exceptions	153
Packaging non bulk	203
Packaging bulk	241

IATA

UN number UN1593
UN proper shipping name Dichloromethane solution (Methylene chloride)
Transport hazard class(es)
Class 6.1(PGIII)
Subsidiary risk -
Packing group III
Environmental hazards Yes
ERG Code 6L
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
Other information
Passenger and cargo aircraft Allowed.
Cargo aircraft only Allowed.

IMDG

UN number UN1593
UN proper shipping name DICHLOROMETHANE SOLUTION (Methylene chloride)
Transport hazard class(es)
Class 6.1(PGIII)
Subsidiary risk -
Packing group III
Environmental hazards
Marine pollutant Yes
EmS F-A, S-A
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.

DOT



IATA; IMDG



Marine pollutant



General information

IMDG Regulated Marine Pollutant. DOT Regulated 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.

One or more components are not listed on TSCA.

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

Not regulated.

TSCA Chemical Action Plans, Chemicals of Concern

Bis(2-ethylhexyl)phthalate (CAS 117-81-7)	Phthalates Action Plan
Butyl benzyl phthalate (CAS 85-68-7)	Phthalates Action Plan
Diethyl phthalate (CAS 84-66-2)	Phthalates Action Plan
Dimethyl phthalate (CAS 131-11-3)	Phthalates Action Plan
Di-n-butyl phthalate (CAS 84-74-2)	Phthalates Action Plan
Di-n-octyl phthalate (CAS 117-84-0)	Phthalates Action Plan

CERCLA Hazardous Substance List (40 CFR 302.4)

1,2:5,6-Dibenzanthracene (CAS 53-70-3)	Listed.
1,2-Benzanthracene (CAS 56-55-3)	Listed.
1,2-Dichlorobenzene (CAS 95-50-1)	Listed.
1,3-Dichlorobenzene (CAS 541-73-1)	Listed.
1,4-Dichlorobenzene (CAS 106-46-7)	Listed.
7,12-Dimethylbenz(a)anthracene (CAS 57-97-6)	Listed.
Anthracene (CAS 120-12-7)	Listed.
Benzo(a)pyrene (CAS 50-32-8)	Listed.
Benzo(b)fluoranthene (CAS 205-99-2)	Listed.
Benzo(k)fluoranthene (CAS 207-08-9)	Listed.
Bis(2-ethylhexyl)phthalate (CAS 117-81-7)	Listed.
Butyl benzyl phthalate (CAS 85-68-7)	Listed.
Chrysene (CAS 218-01-9)	Listed.
Diethyl phthalate (CAS 84-66-2)	Listed.
Dimethyl phthalate (CAS 131-11-3)	Listed.
Di-n-butyl phthalate (CAS 84-74-2)	Listed.
Di-n-octyl phthalate (CAS 117-84-0)	Listed.
Fluoranthene (CAS 206-44-0)	Listed.
Methylene chloride (CAS 75-09-2)	Listed.
Naphthalene (CAS 91-20-3)	Listed.
Phenanthrene (CAS 85-01-8)	Listed.
Pyrene (CAS 129-00-0)	Listed.
Pyridine (CAS 110-86-1)	Listed.
Quinoline (CAS 91-22-5)	Listed.

SARA 304 Emergency release notification

Pyrene (CAS 129-00-0) 5000 LBS

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

Methylene chloride (CAS 75-09-2)
Cancer
Heart
Central nervous system
Liver
Skin irritation
Eye irritation

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
 Delayed Hazard - Yes
 Fire Hazard - No
 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
Pyrene	129-00-0	5000		1000 lbs	10000 lbs

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Methylene chloride	75-09-2	94.6
1,2:5,6-Dibenzanthracene	53-70-3	0.2
1,2-Benzanthracene	56-55-3	0.2
1,4-Dichlorobenzene	106-46-7	0.2
7,12-Dimethylbenz(a)anthracene	57-97-6	0.2
Benzo(a)pyrene	50-32-8	0.2
Benzo(b)fluoranthene	205-99-2	0.2
Benzo(k)fluoranthene	207-08-9	0.2
Bis(2-ethylhexyl)phthalate	117-81-7	0.2
Dibenz(a,h)acridine	226-36-8	0.2
Naphthalene	91-20-3	0.2

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

- 1,2:5,6-Dibenzanthracene (CAS 53-70-3)
- 1,2-Benzanthracene (CAS 56-55-3)
- 1,4-Dichlorobenzene (CAS 106-46-7)
- 7,12-Dimethylbenz(a)anthracene (CAS 57-97-6)
- Anthracene (CAS 120-12-7)
- Benzo(a)pyrene (CAS 50-32-8)
- Benzo(b)fluoranthene (CAS 205-99-2)
- Benzo(k)fluoranthene (CAS 207-08-9)
- Bis(2-ethylhexyl)phthalate (CAS 117-81-7)
- Chrysene (CAS 218-01-9)
- Dibenz(a,h)acridine (CAS 226-36-8)
- Dimethyl phthalate (CAS 131-11-3)
- Di-n-butyl phthalate (CAS 84-74-2)
- Fluoranthene (CAS 206-44-0)
- Methylene chloride (CAS 75-09-2)
- Naphthalene (CAS 91-20-3)
- Phenanthrene (CAS 85-01-8)
- Pyrene (CAS 129-00-0)
- Quinoline (CAS 91-22-5)

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

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations**US - New Jersey RTK - Substances: Listed substance**

- 1,2:5,6-Dibenzanthracene (CAS 53-70-3)
- 1,2-Benzanthracene (CAS 56-55-3)
- 1,2-Dichlorobenzene (CAS 95-50-1)
- 1,3-Dichlorobenzene (CAS 541-73-1)
- 1,4-Dichlorobenzene (CAS 106-46-7)
- 1-Methylnaphthalene (CAS 90-12-0)
- 7,12-Dimethylbenz(a)anthracene (CAS 57-97-6)
- Anthracene (CAS 120-12-7)
- Benzo(a)pyrene (CAS 50-32-8)

Benzo(b)fluoranthene (CAS 205-99-2)
Benzo(k)fluoranthene (CAS 207-08-9)
Bis(2-ethylhexyl)phthalate (CAS 117-81-7)
Butyl benzyl phthalate (CAS 85-68-7)
Chrysene (CAS 218-01-9)
Dibenz(a,h)acridine (CAS 226-36-8)
Diethyl phthalate (CAS 84-66-2)
Dimethyl phthalate (CAS 131-11-3)
Di-n-butyl phthalate (CAS 84-74-2)
Di-n-octyl phthalate (CAS 117-84-0)
Fluoranthene (CAS 206-44-0)
Indene (CAS 95-13-6)
Methylene chloride (CAS 75-09-2)
Naphthalene (CAS 91-20-3)
Phenanthrene (CAS 85-01-8)
Pyrene (CAS 129-00-0)
Pyridine (CAS 110-86-1)
Quinoline (CAS 91-22-5)

US - Pennsylvania RTK - Hazardous Substances: Special hazard

1,2:5,6-Dibenzanthracene (CAS 53-70-3)
1,2-Benzanthracene (CAS 56-55-3)
1,4-Dichlorobenzene (CAS 106-46-7)
7,12-Dimethylbenz(a)anthracene (CAS 57-97-6)
Benzo(a)pyrene (CAS 50-32-8)
Benzo(b)fluoranthene (CAS 205-99-2)
Benzo(k)fluoranthene (CAS 207-08-9)
Bis(2-ethylhexyl)phthalate (CAS 117-81-7)
Dibenz(a,h)acridine (CAS 226-36-8)
Methylene chloride (CAS 75-09-2)

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd.

(a))

1,2:5,6-Dibenzanthracene (CAS 53-70-3)
1,2-Benzanthracene (CAS 56-55-3)
1,2-Dichlorobenzene (CAS 95-50-1)
1,3-Dichlorobenzene (CAS 541-73-1)
1,4-Dichlorobenzene (CAS 106-46-7)
1-Methylnaphthalene (CAS 90-12-0)
7,12-Dimethylbenz(a)anthracene (CAS 57-97-6)
Anthracene (CAS 120-12-7)
Benzo(a)pyrene (CAS 50-32-8)
Benzo(b)fluoranthene (CAS 205-99-2)
Benzo(k)fluoranthene (CAS 207-08-9)
Bis(2-ethylhexyl)phthalate (CAS 117-81-7)
Butyl benzyl phthalate (CAS 85-68-7)
Chrysene (CAS 218-01-9)
Dibenz(a,h)acridine (CAS 226-36-8)
Diethyl phthalate (CAS 84-66-2)
Dimethyl phthalate (CAS 131-11-3)
Di-n-butyl phthalate (CAS 84-74-2)
Di-n-octyl phthalate (CAS 117-84-0)
Fluoranthene (CAS 206-44-0)
Methylene chloride (CAS 75-09-2)
Naphthalene (CAS 91-20-3)
Phenanthrene (CAS 85-01-8)
Pyrene (CAS 129-00-0)
Pyridine (CAS 110-86-1)
Quinoline (CAS 91-22-5)

US. Massachusetts RTK - Substance List

1,2:5,6-Dibenzanthracene (CAS 53-70-3)
1,2-Benzanthracene (CAS 56-55-3)
1,2-Dichlorobenzene (CAS 95-50-1)
1,3-Dichlorobenzene (CAS 541-73-1)

1,4-Dichlorobenzene (CAS 106-46-7)
1-Methylnaphthalene (CAS 90-12-0)
7,12-Dimethylbenz(a)anthracene (CAS 57-97-6)
Anthracene (CAS 120-12-7)
Benzo(a)pyrene (CAS 50-32-8)
Benzo(b)fluoranthene (CAS 205-99-2)
Benzo(k)fluoranthene (CAS 207-08-9)
Bis(2-ethylhexyl)phthalate (CAS 117-81-7)
Butyl benzyl phthalate (CAS 85-68-7)
Chrysene (CAS 218-01-9)
Dibenz(a,h)acridine (CAS 226-36-8)
Diethyl phthalate (CAS 84-66-2)
Dimethyl phthalate (CAS 131-11-3)
Di-n-butyl phthalate (CAS 84-74-2)
Di-n-octyl phthalate (CAS 117-84-0)
Fluoranthene (CAS 206-44-0)
Indene (CAS 95-13-6)
Methylene chloride (CAS 75-09-2)
Naphthalene (CAS 91-20-3)
Phenanthrene (CAS 85-01-8)
Pyrene (CAS 129-00-0)
Pyridine (CAS 110-86-1)
Quinoline (CAS 91-22-5)

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

1,2:5,6-Dibenzanthracene (CAS 53-70-3)
1,2-Benzanthracene (CAS 56-55-3)
1,2-Dichlorobenzene (CAS 95-50-1)
1,3-Dichlorobenzene (CAS 541-73-1)
1,4-Dichlorobenzene (CAS 106-46-7)
7,12-Dimethylbenz(a)anthracene (CAS 57-97-6)
Anthracene (CAS 120-12-7)
Benzo(a)pyrene (CAS 50-32-8)
Benzo(b)fluoranthene (CAS 205-99-2)
Benzo(k)fluoranthene (CAS 207-08-9)
Bis(2-ethylhexyl)phthalate (CAS 117-81-7)
Butyl benzyl phthalate (CAS 85-68-7)
Chrysene (CAS 218-01-9)
Dibenz(a,h)acridine (CAS 226-36-8)
Diethyl phthalate (CAS 84-66-2)
Dimethyl phthalate (CAS 131-11-3)
Di-n-butyl phthalate (CAS 84-74-2)
Di-n-octyl phthalate (CAS 117-84-0)
Fluoranthene (CAS 206-44-0)
Methylene chloride (CAS 75-09-2)
Naphthalene (CAS 91-20-3)
Phenanthrene (CAS 85-01-8)
Pyrene (CAS 129-00-0)
Pyridine (CAS 110-86-1)
Quinoline (CAS 91-22-5)

US. Pennsylvania RTK - Hazardous Substances

1,2:5,6-Dibenzanthracene (CAS 53-70-3)
1,2-Benzanthracene (CAS 56-55-3)
1,2-Dichlorobenzene (CAS 95-50-1)
1,3-Dichlorobenzene (CAS 541-73-1)
1,4-Dichlorobenzene (CAS 106-46-7)
1-Methylnaphthalene (CAS 90-12-0)
7,12-Dimethylbenz(a)anthracene (CAS 57-97-6)
Anthracene (CAS 120-12-7)
Benzo(a)pyrene (CAS 50-32-8)
Benzo(b)fluoranthene (CAS 205-99-2)
Benzo(k)fluoranthene (CAS 207-08-9)
Bis(2-ethylhexyl)phthalate (CAS 117-81-7)
Butyl benzyl phthalate (CAS 85-68-7)
Chrysene (CAS 218-01-9)
Dibenz(a,h)acridine (CAS 226-36-8)

Diethyl phthalate (CAS 84-66-2)
Dimethyl phthalate (CAS 131-11-3)
Di-n-butyl phthalate (CAS 84-74-2)
Di-n-octyl phthalate (CAS 117-84-0)
Fluoranthene (CAS 206-44-0)
Indene (CAS 95-13-6)
Methylene chloride (CAS 75-09-2)
Naphthalene (CAS 91-20-3)
Phenanthrene (CAS 85-01-8)
Pyrene (CAS 129-00-0)
Pyridine (CAS 110-86-1)
Quinoline (CAS 91-22-5)

US. Pennsylvania Worker and Community Right-to-Know Law

1,2:5,6-Dibenzanthracene (CAS 53-70-3)
1,2-Benzanthracene (CAS 56-55-3)
1,2-Dichlorobenzene (CAS 95-50-1)
1,3-Dichlorobenzene (CAS 541-73-1)
1,4-Dichlorobenzene (CAS 106-46-7)
1-Methylnaphthalene (CAS 90-12-0)
7,12-Dimethylbenz(a)anthracene (CAS 57-97-6)
Anthracene (CAS 120-12-7)
Benzo(a)pyrene (CAS 50-32-8)
Benzo(b)fluoranthene (CAS 205-99-2)
Benzo(k)fluoranthene (CAS 207-08-9)
Bis(2-ethylhexyl)phthalate (CAS 117-81-7)
Butyl benzyl phthalate (CAS 85-68-7)
Chrysene (CAS 218-01-9)
Dibenz(a,h)acridine (CAS 226-36-8)
Diethyl phthalate (CAS 84-66-2)
Dimethyl phthalate (CAS 131-11-3)
Di-n-butyl phthalate (CAS 84-74-2)
Di-n-octyl phthalate (CAS 117-84-0)
Fluoranthene (CAS 206-44-0)
Indene (CAS 95-13-6)
Methylene chloride (CAS 75-09-2)
Naphthalene (CAS 91-20-3)
Phenanthrene (CAS 85-01-8)
Pyrene (CAS 129-00-0)
Pyridine (CAS 110-86-1)
Quinoline (CAS 91-22-5)

US. Rhode Island RTK

1,2:5,6-Dibenzanthracene (CAS 53-70-3)
1,2-Benzanthracene (CAS 56-55-3)
1,2-Dichlorobenzene (CAS 95-50-1)
1,4-Dichlorobenzene (CAS 106-46-7)
Benzo(a)pyrene (CAS 50-32-8)
Benzo(b)fluoranthene (CAS 205-99-2)
Bis(2-ethylhexyl)phthalate (CAS 117-81-7)
Chrysene (CAS 218-01-9)
Dibenz(a,h)acridine (CAS 226-36-8)
Diethyl phthalate (CAS 84-66-2)
Dimethyl phthalate (CAS 131-11-3)
Di-n-butyl phthalate (CAS 84-74-2)
Indene (CAS 95-13-6)
Methylene chloride (CAS 75-09-2)
Naphthalene (CAS 91-20-3)
Pyridine (CAS 110-86-1)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

1,2:5,6-Dibenzanthracene (CAS 53-70-3)	Listed: January 1, 1988
1,2-Benzanthracene (CAS 56-55-3)	Listed: July 1, 1987
1,4-Dichlorobenzene (CAS 106-46-7)	Listed: January 1, 1989

7,12-Dimethylbenz(a)anthracene (CAS 57-97-6)	Listed: January 1, 1990
Benzo(a)pyrene (CAS 50-32-8)	Listed: July 1, 1987
Benzo(b)fluoranthene (CAS 205-99-2)	Listed: July 1, 1987
Benzo(k)fluoranthene (CAS 207-08-9)	Listed: July 1, 1987
Bis(2-ethylhexyl)phthalate (CAS 117-81-7)	Listed: January 1, 1988
Chrysene (CAS 218-01-9)	Listed: January 1, 1990
Dibenz(a,h)acridine (CAS 226-36-8)	Listed: January 1, 1988
Methylene chloride (CAS 75-09-2)	Listed: April 1, 1988
Naphthalene (CAS 91-20-3)	Listed: April 19, 2002
Pyridine (CAS 110-86-1)	Listed: May 17, 2002
Quinoline (CAS 91-22-5)	Listed: October 24, 1997

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Bis(2-ethylhexyl)phthalate (CAS 117-81-7)	Listed: October 24, 2003
Butyl benzyl phthalate (CAS 85-68-7)	Listed: December 2, 2005
Di-n-butyl phthalate (CAS 84-74-2)	Listed: December 2, 2005

US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Di-n-butyl phthalate (CAS 84-74-2)	Listed: December 2, 2005
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US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

Bis(2-ethylhexyl)phthalate (CAS 117-81-7)	Listed: October 24, 2003
Di-n-butyl phthalate (CAS 84-74-2)	Listed: December 2, 2005

International Inventories

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

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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

Issue date	05-05-2017
Version #	01
NFPA ratings	Health: 2 Flammability: 0 Instability: 0

Disclaimer

The above information is believed to be correct on the date it was last revised and must not be considered all inclusive. The information has been obtained only by a search of available literature and is only a guide for handling the chemicals. OSHA regulations require that if other hazards become evident, an upgraded SDS must be made available to the employee within three months. RESPONSIBILITY for updates lies with the employer and not with CHEM SERVICE, Inc.

Persons not specifically and properly trained should not handle this chemical or its container. This product is furnished FOR LABORATORY USE ONLY! Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticide products, food additives or as household chemicals.

This Safety Data Sheet (SDS) is intended only for use with Chem Service, Inc. products and should not be relied on for use with materials from any other supplier even if the chemical name(s) on the product are identical! Whenever using an SDS for a solution or mixture the user should refer to the SDS for every component of the solution or mixture. Chem Service warrants that this SDS is based upon the most current information available to Chem Service at the time it was last revised. THIS WARRANTY IS EXCLUSIVE, AND CHEM SERVICE, INC. MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. This SDS is provided gratis and CHEM SERVICE, INC. SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR CONTINGENT DAMAGES.

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