SAFETY DATA SHEET



1. Identification

Product identifier Acids Mixture - CLP Semi

Other means of identification

M-CLPSEM1AX4

Recommended use For Laboratory Use Only

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name Chem Service, Inc. 660 Tower Lane **Address**

West Chester, PA 19380

United States

Toll Free 800-452-9994 **Telephone** Direct

610-692-3026

Website www.chemservice.com E-mail info@chemservice.com

Chemtrec US 800-424-9300 **Emergency phone number**

Chemtrec outside US +1 703-527-3887

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Category 4 Acute toxicity, oral

> Acute toxicity, dermal Category 4 Acute toxicity, inhalation Category 3 Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2A Sensitization, respiratory Category 1 Sensitization, skin Category 1 Carcinogenicity Category 2 Reproductive toxicity Category 1 Specific target organ toxicity, repeated Category 2

exposure

Environmental hazards Hazardous to the aquatic environment, acute Category 2

Hazardous to the aquatic environment, Category 2

long-term hazard

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Harmful if swallowed. Harmful in contact with skin. Causes skin irritation. May cause an allergic

skin reaction. Causes serious eye irritation. Toxic if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Suspected of causing cancer. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Toxic to

aquatic life. 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. Use only outdoors or in a well-ventilated area. 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 protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection.

Material name: Acids Mixture - CLP Semi 203 Version #: 01 Issue date: 08-15-2014 Response

If swallowed: Call a poison center/doctor if you feel unwell. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor. Specific treatment (see this label). Rinse mouth. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. If experiencing respiratory symptoms: Call a poison center/doctor. Take off contaminated clothing and wash before reuse. Collect spillage.

Storage

Store in a well-ventilated place. Keep container tightly closed. 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

0.3% of the mixture consists of component(s) of unknown acute oral toxicity. 0.6% of the mixture consists of component(s) of unknown acute dermal toxicity. 98.5% of the mixture consists of component(s) of unknown acute inhalation toxicity. 98.4% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 98.4% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

3. Composition/information on ingredients

Mixtures

DICHLORIDE 2,3,4,6-Tetrachlorophenol 58-90-2 0.1 2,4,5-Trichlorophenol 95-95-4 0.1 2,4,6-Trichlorophenol 88-06-2 0.1 2,4-Dichlorophenol 120-83-2 0.1 2,4-Dimethylphenol 105-67-9 0.1 2,4-Dinitrophenol (min 15wt% 51-28-5 0.1 2,4-Dinitrophenol (min 15wt% 51-28-5 0.1 2,6-Dichlorophenol 87-65-0 0.1 2-Chlorophenol 95-57-8 0.1 2-Chlorophenol 95-48-7 0.1 2-Nitrophenol 88-75-5 0.1 2-Nitrophenol 88-75-5 0.1 4-Chloro-3-methylphenol 59-50-7 0.1 4-Methylphenol 106-44-5 0.1 4-Nitrophenol 100-02-7 0.1 4-Nitrophenol 100-02-7 0.1 Benzoic acid 65-85-0 0.1 Pentachlorophenol 87-86-5 0.1	Chemical name	Common name and synonyms	CAS number	%
2,4,5-Trichlorophenol 95-95-4 0.1 2,4,6-Trichlorophenol 88-06-2 0.1 2,4-Dichlorophenol 120-83-2 0.1 2,4-Dimethylphenol 105-67-9 0.1 2,4-Dinitrophenol (min 15wt% water) 51-28-5 0.1 2,6-Dichlorophenol 87-65-0 0.1 2-Chlorophenol 95-57-8 0.1 2-Methylphenol 95-48-7 0.1 2-Nitrophenol 88-75-5 0.1 4,6-Dinitro-o-cresol (contains ~10% water) 534-52-1 0.1 4-Chloro-3-methylphenol 59-50-7 0.1 4-Methylphenol 106-44-5 0.1 4-Nitrophenol 100-02-7 0.1 Benzoic acid 65-85-0 0.1 Pentachlorophenol 87-86-5 0.1	Methylene chloride		75-09-2	90 - 100
2,4,6-Trichlorophenol 88-06-2 0.1 2,4-Dichlorophenol 120-83-2 0.1 2,4-Dimethylphenol 105-67-9 0.1 2,4-Dinitrophenol (min 15wt% water) 51-28-5 0.1 2,6-Dichlorophenol 87-65-0 0.1 2-Chlorophenol 95-57-8 0.1 2-Methylphenol 95-48-7 0.1 2-Nitrophenol 88-75-5 0.1 4,6-Dinitro-o-cresol (contains ~10% water) 534-52-1 0.1 4-Chloro-3-methylphenol 59-50-7 0.1 4-Methylphenol 106-44-5 0.1 4-Nitrophenol 100-02-7 0.1 Benzoic acid 65-85-0 0.1 Pentachlorophenol 87-86-5 0.1	2,3,4,6-Tetrachlorophenol		58-90-2	0.1
2,4-Dichlorophenol 120-83-2 0.1 2,4-Dimethylphenol 105-67-9 0.1 2,4-Dinitrophenol (min 15wt% water) 51-28-5 0.1 2,6-Dichlorophenol 87-65-0 0.1 2-Chlorophenol 95-57-8 0.1 2-Methylphenol 95-48-7 0.1 2-Nitrophenol 88-75-5 0.1 4,6-Dinitro-o-cresol (contains ~10% water) 534-52-1 0.1 4-Chloro-3-methylphenol 59-50-7 0.1 4-Methylphenol 106-44-5 0.1 4-Nitrophenol 100-02-7 0.1 Benzoic acid 65-85-0 0.1 Pentachlorophenol 87-86-5 0.1	2,4,5-Trichlorophenol		95-95-4	0.1
2,4-Dimethylphenol 105-67-9 0.1 2,4-Dinitrophenol (min 15wt% water) 51-28-5 0.1 2,6-Dichlorophenol 87-65-0 0.1 2-Chlorophenol 95-57-8 0.1 2-Methylphenol 95-48-7 0.1 2-Nitrophenol 88-75-5 0.1 4,6-Dinitro-o-cresol (contains ~10% water) 534-52-1 0.1 4-Chloro-3-methylphenol 59-50-7 0.1 4-Methylphenol 106-44-5 0.1 4-Nitrophenol 100-02-7 0.1 Benzoic acid 65-85-0 0.1 Pentachlorophenol 87-86-5 0.1	2,4,6-Trichlorophenol		88-06-2	0.1
2,4-Dinitrophenol (min 15wt% water) 51-28-5 0.1 2,6-Dichlorophenol 87-65-0 0.1 2-Chlorophenol 95-57-8 0.1 2-Methylphenol 95-48-7 0.1 2-Nitrophenol 88-75-5 0.1 4,6-Dinitro-o-cresol (contains ~10% water) 534-52-1 0.1 4-Chloro-3-methylphenol 59-50-7 0.1 4-Methylphenol 106-44-5 0.1 4-Nitrophenol 100-02-7 0.1 Benzoic acid 65-85-0 0.1 Pentachlorophenol 87-86-5 0.1	2,4-Dichlorophenol		120-83-2	0.1
water) 87-65-0 0.1 2,6-Dichlorophenol 95-57-8 0.1 2-Chlorophenol 95-48-7 0.1 2-Methylphenol 88-75-5 0.1 4,6-Dinitro-o-cresol (contains ~10% water) 534-52-1 0.1 4-Chloro-3-methylphenol 59-50-7 0.1 4-Methylphenol 106-44-5 0.1 4-Nitrophenol 100-02-7 0.1 Benzoic acid 65-85-0 0.1 Pentachlorophenol 87-86-5 0.1	2,4-Dimethylphenol		105-67-9	0.1
2-Chlorophenol 95-57-8 0.1 2-Methylphenol 95-48-7 0.1 2-Nitrophenol 88-75-5 0.1 4,6-Dinitro-o-cresol (contains ~10% water) 534-52-1 0.1 4-Chloro-3-methylphenol 59-50-7 0.1 4-Methylphenol 106-44-5 0.1 4-Nitrophenol 100-02-7 0.1 Benzoic acid 65-85-0 0.1 Pentachlorophenol 87-86-5 0.1	2,4-Dinitrophenol (min 15wt% water)		51-28-5	0.1
2-Methylphenol 95-48-7 0.1 2-Nitrophenol 88-75-5 0.1 4,6-Dinitro-o-cresol (contains ~10% water) 534-52-1 0.1 4-Chloro-3-methylphenol 59-50-7 0.1 4-Methylphenol 106-44-5 0.1 4-Nitrophenol 100-02-7 0.1 Benzoic acid 65-85-0 0.1 Pentachlorophenol 87-86-5 0.1	2,6-Dichlorophenol		87-65-0	0.1
2-Nitrophenol 88-75-5 0.1 4,6-Dinitro-o-cresol (contains ~10% water) 534-52-1 0.1 4-Chloro-3-methylphenol 59-50-7 0.1 4-Methylphenol 106-44-5 0.1 4-Nitrophenol 100-02-7 0.1 Benzoic acid 65-85-0 0.1 Pentachlorophenol 87-86-5 0.1	2-Chlorophenol		95-57-8	0.1
4,6-Dinitro-o-cresol (contains ~10% water) 4-Chloro-3-methylphenol 59-50-7 0.1 4-Methylphenol 106-44-5 0.1 4-Nitrophenol 100-02-7 0.1 Benzoic acid 65-85-0 0.1 Pentachlorophenol 87-86-5 0.1	2-Methylphenol		95-48-7	0.1
water) 59-50-7 0.1 4-Chloro-3-methylphenol 106-44-5 0.1 4-Methylphenol 100-02-7 0.1 4-Nitrophenol 100-02-7 0.1 Benzoic acid 65-85-0 0.1 Pentachlorophenol 87-86-5 0.1	2-Nitrophenol		88-75-5	0.1
4-Methylphenol 106-44-5 0.1 4-Nitrophenol 100-02-7 0.1 Benzoic acid 65-85-0 0.1 Pentachlorophenol 87-86-5 0.1	4,6-Dinitro-o-cresol (contains ~ water)	10%	534-52-1	0.1
4-Nitrophenol 100-02-7 0.1 Benzoic acid 65-85-0 0.1 Pentachlorophenol 87-86-5 0.1	4-Chloro-3-methylphenol		59-50-7	0.1
Benzoic acid 65-85-0 0.1 Pentachlorophenol 87-86-5 0.1	4-Methylphenol		106-44-5	0.1
Pentachlorophenol 87-86-5 0.1	4-Nitrophenol		100-02-7	0.1
·	Benzoic acid		65-85-0	0.1
Phenol 108-95-2 0.1	Pentachlorophenol		87-86-5	0.1
	Phenol		108-95-2	0.1

^{*}Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or

artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other

proper respiratory medical device. Call a POISON CENTER or doctor/physician.

Remove contaminated clothing immediately and wash skin with soap and water. Call a POISON Skin contact

> CENTER or doctor/physician if you feel unwell. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Take off contaminated clothing and wash

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if Eye contact

present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Rinse mouth. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Most important

symptoms/effects, acute and

delayed

Ingestion

Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause an allergic skin reaction. Dermatitis. Rash. May cause allergic respiratory reaction. May cause redness and pain. Prolonged exposure may cause chronic effects.

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Indication of immediate medical attention and special treatment needed

General information

Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media
Unsuitable extinguishing
media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). 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 Immediately evacuate personnel to safe areas. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. 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

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.

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.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid

discharge into drains, water courses or onto the ground.

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. Do not breathe mist or vapor. Do not taste or swallow. Avoid contact with skin. Avoid contact with eyes. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. Avoid contact with clothing. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Avoid release to the environment. Do not empty into drains.

Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container. Store in a well-ventilated place. Refrigeration recommended. 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	Туре	Value	
Methylene chloride (CAS 75-09-2)	STEL	125 ppm	
	TWA	25 ppm	
US. OSHA Table Z-1 Limits for A	ir Contaminants (29 CFR 1910.1	000)	
US. OSHA Table Z-1 Limits for A Components	ir Contaminants (29 CFR 1910.1 Type	000) Value	
	•	•	

Components	Туре	Value	
4,6-Dinitro-o-cresol (contains ~10% water) (CAS 534-52-1)	PEL	0.2 mg/m3	
4-Methylphenol (CAS 106-44-5)	PEL	22 mg/m3	
Pentachlorophenol (CAS 87-86-5)	PEL	5 ppm 0.5 mg/m3	
Phenol (CAS 108-95-2)	PEL	19 mg/m3 5 ppm	
US. ACGIH Threshold Limit Value	es		
Components	Туре	Value	Form
2-Methylphenol (CAS 95-48-7)	TWA	20 mg/m3	Inhalable fraction and vapor.
4,6-Dinitro-o-cresol (contains ~10% water) (CAS 534-52-1)	TWA	0.2 mg/m3	·
A-Methylphenol (CAS 106-44-5)	TWA	20 mg/m3	Inhalable fraction and vapor.
Methylene chloride (CAS 75-09-2)	TWA	50 ppm	·
Pentachlorophenol (CAS 87-86-5)	TWA	0.5 mg/m3	
Phenol (CAS 108-95-2)	TWA	5 ppm	
US. NIOSH: Pocket Guide to Che			
Components	Туре	Value	
2-Methylphenol (CAS 95-48-7)	TWA	10 mg/m3	
		2.3 ppm	
4,6-Dinitro-o-cresol (contains ~10% water) (CAS 534-52-1)	TWA	0.2 mg/m3	
4-Methylphenol (CAS 106-44-5)	TWA	10 mg/m3	
Destable as I/OAO	T\A/A	2.3 ppm	
Pentachlorophenol (CAS 87-86-5)	TWA	0.5 mg/m3	
Phenol (CAS 108-95-2)	Ceiling	60 mg/m3	
·	-	45.0	

Biological limit values

Components

120-83-2)

2,4-Dichlorophenol (CAS

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Methylene chloride (CAS 75-09-2)	0.3 mg/l	Dichlorometha ne	Urine	*
Pentachlorophenol (CAS 87-86-5)	2 mg/g	Total PCP	Creatinine in urine	*
	5 mg/l	Free PCP	Plasma	*
Phenol (CAS 108-95-2)	250 mg/g	Phenol with hydrolysis	Creatinine in urine	*

 TWA

Type

TWA

15.6 ppm

19 mg/m3 5 ppm

Value

1 ppm

6.7 mg/m3

US. Workplace Environmental Exposure Level (WEEL) Guides

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

Exposure guidelines

US - California OELs: Skin designation

2-Methylphenol (CAS 95-48-7) Can be absorbed through the skin. Can be absorbed through the skin. 4,6-Dinitro-o-cresol (contains ~10% water) (CAS

534-52-1)

4-Methylphenol (CAS 106-44-5) Can be absorbed through the skin. Pentachlorophenol (CAS 87-86-5) Can be absorbed through the skin. Phenol (CAS 108-95-2) Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

2-Methylphenol (CAS 95-48-7) Skin designation applies. 4,6-Dinitro-o-cresol (contains ~10% water) (CAS Skin designation applies.

534-52-1)

4-Methylphenol (CAS 106-44-5) Skin designation applies. Phenol (CAS 108-95-2) Skin designation applies.

US - Tennesse OELs: Skin designation

2-Methylphenol (CAS 95-48-7) Can be absorbed through the skin. 4,6-Dinitro-o-cresol (contains ~10% water) (CAS Can be absorbed through the skin.

534-52-1)

4-Methylphenol (CAS 106-44-5) Can be absorbed through the skin. Pentachlorophenol (CAS 87-86-5) Can be absorbed through the skin. Phenol (CAS 108-95-2) Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

2-Methylphenol (CAS 95-48-7) Can be absorbed through the skin. 4,6-Dinitro-o-cresol (contains ~10% water) (CAS Can be absorbed through the skin.

534-52-1)

4-Methylphenol (CAS 106-44-5) Can be absorbed through the skin. Pentachlorophenol (CAS 87-86-5) Can be absorbed through the skin. Phenol (CAS 108-95-2) Can be absorbed through the skin.

US NIOSH Pocket Guide to Chemical Hazards: Skin designation

4,6-Dinitro-o-cresol (contains ~10% water) (CAS Can be absorbed through the skin.

534-52-1)

Pentachlorophenol (CAS 87-86-5) Can be absorbed through the skin. Phenol (CAS 108-95-2) Can be absorbed through the skin.

US WEEL Guides: Skin designation

2,4-Dichlorophenol (CAS 120-83-2) Can be absorbed through the skin.

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

Can be absorbed through the skin. 2-Methylphenol (CAS 95-48-7) 4,6-Dinitro-o-cresol (contains ~10% water) (CAS Can be absorbed through the skin.

534-52-1)

4-Methylphenol (CAS 106-44-5) Can be absorbed through the skin. Pentachlorophenol (CAS 87-86-5) Can be absorbed through the skin. Phenol (CAS 108-95-2) 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

Wear eye/face protection. Wear a full-face respirator, if needed. Eye/face protection

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Other Wear appropriate chemical resistant clothing.

Wear positive pressure self-contained breathing apparatus (SCBA). Respiratory protection

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using, do not eat, drink or smoke. 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 103.55 °F (39.75 °C) estimated

range

Flash point Not available.

Evaporation rate Not available.

Flammability (solid, gas) Not available.

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 579.97 hPa estimated

Vapor densityNot available.Relative densityNot available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature 1033 °F (556.11 °C) estimated

Decomposition temperature Not available. **Viscosity** Not available.

Other information

Density 1.326594 g/cm3 estimated

Percent volatile 98.4 % estimated
Specific gravity 1.33 estimated
VOC (Weight %) 98.4 % estimated

10. Stability and reactivity

ReactivityThe product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stabilityMaterial is stable under normal conditions.Possibility of hazardousHazardous polymerization does not occur.

reactions

Conditions to avoidContact with incompatible materials.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition

products

Toxic gas.

11. Toxicological information

Information on likely routes of exposure

Ingestion Harmful if swallowed.

Inhalation Toxic by inhalation. May cause damage to organs by inhalation. May cause allergy or asthma

symptoms or breathing difficulties if inhaled.

Skin contact Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction.

Eye contact Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an

allergic skin reaction. Skin irritation. May cause redness and pain. Dermatitis. Rash.

Information on toxicological effects

Acute toxicity Toxic by inhalation. Harmful if swallowed. Harmful in contact with skin. May cause an allergic skin

reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Test Results Components **Species** 2,3,4,6-Tetrachlorophenol (CAS 58-90-2) **Acute** Dermal LD50 Rabbit 250 mg/kg Oral LD50 Gerbil 698 mg/kg Guinea pig 250 mg/kg Mouse 131 mg/kg Rat 140 mg/kg Other LD50 Mouse 82 mg/kg 130 mg/kg Rat 2,4,5-Trichlorophenol (CAS 95-95-4) Acute Oral LD50 Rat 820 mg/kg 0.82 g/kg Other LD50 Rat 355 mg/kg 2,4,6-Trichlorophenol (CAS 88-06-2) Acute Oral LD50 Rat 820 mg/kg Other LD50 Rat 276 mg/kg 2,4-Dichlorophenol (CAS 120-83-2) Acute Dermal LD50 Mouse 3100 mg/kg Rat 780 mg/kg Oral LD50 500 - 1000 mg/kg Guinea pig 1134 mg/kg Mouse Rat 580 mg/kg Other LD50 Mouse 153 mg/kg Rat 430 mg/kg 2,4-Dimethylphenol (CAS 105-67-9) Acute Dermal LD50 1040 mg/kg Mouse Rat 1040 mg/kg Oral LD50 Mouse 809 mg/kg Rat 2300 mg/kg Other LD50 Mouse 100 mg/kg 2,4-Dinitrophenol (min 15wt% water) (CAS 51-28-5) Acute Oral LD50 Dog 20 mg/kg Mouse 45 mg/kg Rabbit 30 mg/kg

Components	Species	Test Results
	Rat	30 mg/kg
Other		
LD50	Dog	20 mg/kg
	Mouse	26 mg/kg
	Rat	20 mg/kg
2,6-Dichlorophenol (CAS 87-68	5-0)	
Acute	·	
Oral		
LD50	Mouse	2120 mg/kg
Other		
LD50	Rat	390 mg/kg
2-Chlorophenol (CAS 95-57-8)		
Acute		
Dermal		
LD50	Rabbit	740 mg/kg
Oral		
LD50	Mouse	670 mg/kg
	Rat	670 mg/kg
Other		
LD50	Rat	950 mg/kg
2-Methylphenol (CAS 95-48-7)		
Acute		
Dermal		
LD50	Mouse	620 mg/kg
	Rabbit	890 mg/kg
	Rat	620 mg/kg
Inhalation		
LC50	Mouse	0.179 mg/l, 2 Hours
		0.178 mg/l
	Rat	> 20 mg/l, 6 Hours
		> 1.22 mg/l, 1 Hours
Oral		
LD50	Mouse	344 mg/kg
	Rabbit	800 mg/kg
	Rat	121 mg/kg
Other		5 5
LD50	Mouse	350 mg/kg
	Rabbit	180 mg/kg
2-Nitrophenol (CAS 88-75-5)		5 5
Acute		
Dermal		
LD50	Rabbit	> 7940 mg/kg
	Rat	> 2000 mg/kg
Oral		
LD50	Mouse	1300 mg/kg
	Rat	336 mg/kg
Other		5 5
LD50	Dog	100 mg/kg
	Mouse	200 mg/kg
LDL0	Dog	100 mg/kg
	209	150 mg/kg

Test Results Components **Species** 4,6-Dinitro-o-cresol (contains ~10% water) (CAS 534-52-1) **Acute** Dermal LD50 Rat 200 mg/kg Oral LD50 Cat 50 mg/kg Goat 100 mg/kg 21 mg/kg Mouse Rat 26 mg/kg 200 mg/kg Sheep Other LD50 Mouse 19 mg/kg Rabbit 1000 mg/kg Rat 25.6 mg/kg 4-Chloro-3-methylphenol (CAS 59-50-7) Acute Dermal LD50 Rat > 5000 mg/kg Oral LD50 Mouse 600 mg/kg 3636 mg/kg Rat Other LD50 Mouse 70 mg/kg Rat 400 mg/kg 4-Methylphenol (CAS 106-44-5) Acute Dermal LD50 Rabbit 300 mg/kg 750 mg/kg Rat Inhalation LC50 Rat > 0.71 mg/l, 1 Hours 0.029 mg/l Oral LD50 344 mg/kg Mouse Rabbit 620 mg/kg Rat 207 mg/kg Other LD50 Rabbit 180 mg/kg 4-Nitrophenol (CAS 100-02-7) **Acute** Oral LD50 Mouse 380 mg/kg Rabbit 220 mg/kg Rat 220 - 620 mg/kg Other LD50 Mouse 75 mg/kg Benzoic acid (CAS 65-85-0) **Acute** Dermal LD50 Rabbit > 2000 mg/kg Inhalation LC50 Rat > 12.2 mg/l, 4 Hours

Components	Species	Test Results
		> 0.026 mg/l, 1 Hours
Oral		
LD50	Cat	2000 mg/kg
	Dog	2000 mg/kg
	Mouse	1940 mg/kg
	Rat	1700 mg/kg
Other		
LD50	Mouse	1460 mg/kg
Methylene chloride (CAS 75-0	09-2)	
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg
Inhalation		
LC50	Guinea pig	11600 ppm, 6 Hours
		40.2 mg/l, 6 Hours
	Mouse	14400 ppm, 7 Hours
		51.5 mg/l, 2 Hours
		49.1 mg/l, 6 Hours
		49 mg/l, 7 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	ddd	roose pp.ii, r rioare
LD50	Rat	1600 mg/kg
Other		3 3
LD50	Mouse	437 mg/kg
Pentachlorophenol (CAS 87-8	36-5)	
Acute	,	
Dermal		
LD50	Rat	96 mg/kg
Oral		
LD50	Rat	146 mg/kg
Phenol (CAS 108-95-2)		
Acute		
Dermal		
LD50	Rabbit	850 mg/kg
	Rat	525 mg/kg
Inhalation		
LC50	Mouse	0.177 mg/l
	Rat	0.316 mg/l
Oral		2.4 "
LD50	Cat	0.1 g/kg
	Dog	0.5 g/kg
	Mouse	270 mg/kg
		000 "
	Rabbit	620 mg/kg
	Rabbit Rat	620 mg/kg 317 mg/kg
Other		
<i>Other</i> LD50		

Components **Species Test Results** Rat 460 mg/kg

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

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye

irritation

Respiratory or skin sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled. Respiratory sensitization

Skin sensitization May cause an allergic skin reaction.

No data available to indicate product or any components present at greater than 0.1% are Germ cell mutagenicity

mutagenic or genotoxic.

Causes serious eye irritation.

Carcinogenicity Suspected of causing cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

2,3,4,6-Tetrachlorophenol (CAS 58-90-2)	2B Possibly carcinogenic to humans.
2,4,5-Trichlorophenol (CAS 95-95-4)	2B Possibly carcinogenic to humans.
2,4,6-Trichlorophenol (CAS 88-06-2)	2B Possibly carcinogenic to humans.
2,4-Dichlorophenol (CAS 120-83-2)	2B Possibly carcinogenic to humans.
2,6-Dichlorophenol (CAS 87-65-0)	2B Possibly carcinogenic to humans.
2-Chlorophenol (CAS 95-57-8)	2B Possibly carcinogenic to humans.
4-Chloro-3-methylphenol (CAS 59-50-7)	2B Possibly carcinogenic to humans.
Methylene chloride (CAS 75-09-2)	2B Possibly carcinogenic to humans.
Pentachlorophenol (CAS 87-86-5)	2B Possibly carcinogenic to humans.

Phenol (CAS 108-95-2) 3 Not classifiable as to carcinogenicity to humans.

US. National Toxicology Program (NTP) Report on Carcinogens

2,4,6-Trichlorophenol (CAS 88-06-2) Reasonably Anticipated to be a Human Carcinogen. Methylene chloride (CAS 75-09-2) Reasonably Anticipated to be a Human Carcinogen.

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

Methylene chloride (CAS 75-09-2) Cancer

Reproductive toxicity May damage fertility or the unborn child.

Specific target organ toxicity -

single exposure

Not classified.

Not available.

Specific target organ toxicity -

repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. May cause **Chronic effects**

damage to organs through prolonged or repeated exposure.

12. Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

Components		Species	Test Results
2,3,4,6-Tetrachlorophe	enol (CAS 58-90-2)		
Aquatic			
Fish	LC50	Bluegill (Lepomis macrochirus)	0.11 - 0.16 mg/l, 96 hours
2,4,5-Trichlorophenol	(CAS 95-95-4)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	0.72 - 1.2 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus)	0.39 - 0.54 mg/l, 96 hours
2,4,6-Trichlorophenol	(CAS 88-06-2)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1.8 - 2.6 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus)	0.35 - 0.49 mg/l, 96 hours
2,4-Dichlorophenol (C	AS 120-83-2)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1.2 - 1.7 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus)	1.6 - 2.6 mg/l, 96 hours

Material name: Acids Mixture - CLP Semi 203 Version #: 01 Issue date: 08-15-2014

Components		Species	Test Results
2,4-Dimethylphenol (C	AS 105-67-9)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1.77 - 3.17 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus)	4.1 - 9.6 mg/l, 96 hours
2,4-Dinitrophenol (min	15wt% water) (CA	S 51-28-5)	
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	3.4 - 5.66 mg/l, 48 hours
Fish	LC50	Asiatic knifefish (Notopterus notopterus)	0.9 mg/l, 96 hours
2,6-Dichlorophenol (C	AS 87-65-0)		
Aquatic	•		
Crustacea	EC50	Water flea (Daphnia magna)	3.4 mg/l, 48 hours
Fish	LC50	Medaka, high-eyes (Oryzias latipes)	3.3 - 11 mg/l, 96 hours
2-Chlorophenol (CAS 9	95-57-8)		•
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	3.31 - 4.91 mg/l, 48 hours
Fish	LC50	Starry, european flounder (Platichthys	6.99 mg/l, 96 hours
	2000	flesus)	2.50g, 00 Hould
2-Methylphenol (CAS s	95-48-7)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	15.8 mg/l, 48 hours
Fish	LC50	Ide, silver or golden orfe (Leuciscus idus)	10 mg/l, 96 hours
2-Nitrophenol (CAS 88	3-75-5)		
Aquatic	•		
Crustacea	EC50	Water flea (Daphnia magna)	11 - 25 mg/l, 48 hours
Fish	LC50	Sheepshead minnow (Cyprinodon variegatus)	15 - 67 mg/l, 96 hours
4,6-Dinitro-o-cresol (co	ontains ~10% wate	r) (CAS 534-52-1)	
Aquatic			
Crustacea	EC50	Water flea (Daphnia pulex)	0.1 - 0.21 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss)	0.037 - 0.117 mg/l, 96 hours
4-Chloro-3-methylpher	nol (CAS 59-50-7)		
Aquatic	,		
Crustacea	EC50	Water flea (Daphnia magna)	1.13 - 1.94 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	_
4-Methylphenol (CAS		, , , , , , , , , , , , , , , , , , , ,	. .
Aquatic	,		
Crustacea	EC50	Water flea (Daphnia magna)	7.7 mg/l, 48 hours
Fish	LC50	Fish (Lepidocephalichthyes guntea)	6.15 - 7.96 mg/l, 96 hours
4-Nitrophenol (CAS 10		(Long (Long) and (Long)	21.3 1.00 mg/i, 00 modio
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	3.1 - 7.1 mg/l, 48 hours
Fish	LC50	Zebra danio (Danio rerio)	5.6 - 13.9 mg/l, 96 hours
		Zebra dariio (Dariio lelio)	5.5 - 15.8 mg/i, 80 mours
Benzoic acid (CAS 65-	-oɔ-U)		
Aquatic	1.050	Wastern magnitation (Combusia afficia)	190 mg/L 06 hours
Fish	LC50	Western mosquitofish (Gambusia affinis)	100 mg/i, 90 mours
Methylene chloride (C/	AS /5-09-2)		
Aquatic	F050	Motor floo (Dankaia and a)	4050 mm// 40 h
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

Components		Species	Test Results
Pentachlorophenol (Ca	AS 87-86-5)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	0.273 - 0.375 mg/l, 48 hours
Fish	LC50	Atlantic salmon (Salmo salar)	0.042 - 0.083 mg/l, 96 hours
Phenol (CAS 108-95-2	2)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia obtusa)	4.7 - 6.4 mg/l, 48 hours
Fish	LC50	Asiatic knifefish (Notopterus notopterus)	8 - 8.25 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 No data available.

Partition coefficient n-octanol / water (log Kow)	
2,3,4,6-Tetrachlorophenol	4.45
2,4,5-Trichlorophenol	3.72
2,4,6-Trichlorophenol	3.69
2,4-Dichlorophenol	3.06
2,4-Dimethylphenol	2.3
2,4-Dinitrophenol (min 15wt% water)	1.67
2,6-Dichlorophenol	2.75
2-Chlorophenol	2.15
2-Methylphenol	1.95
2-Nitrophenol	1.79
4,6-Dinitro-o-cresol (contains ~10% water)	2.13
4-Chloro-3-methylphenol	3.1
4-Methylphenol	1.94
4-Nitrophenol	1.91
Benzoic acid	1.87
Methylene chloride	1.25
Pentachlorophenol	5.12
Phenol	1.46
1.004 Proceedings	

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. This material and its container must be disposed of as hazardous waste. 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.

US RCRA Hazardous Waste P List: Reference

2,4-Dinitrophenol (min 15wt% water) (CAS 51-28-5)	P048
4,6-Dinitro-o-cresol (contains ~10% water) (CAS	P047
534-52-1)	

US RCRA Hazardous Waste U List: Reference

2,4-Dichlorophenol (CAS 120-83-2)	U081
2,4-Dimethylphenol (CAS 105-67-9)	U101
2,6-Dichlorophenol (CAS 87-65-0)	U082
2-Chlorophenol (CAS 95-57-8)	U048
2-Methylphenol (CAS 95-48-7)	U052
4-Chloro-3-methylphenol (CAS 59-50-7)	U039
4-Methylphenol (CAS 106-44-5)	U052
4-Nitrophenol (CAS 100-02-7)	U170
Methylene chloride (CAS 75-09-2)	U080
Phenol (CAS 108-95-2)	U188

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

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

UN number UN1593

UN proper shipping name

Dichloromethane, solution, MARINE POLLUTANT

Transport hazard class(es)

6.1(PGIII) Class

Subsidiary risk Label(s) 6.1 **Packing group** Ш **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 153 203 Packaging non bulk Packaging bulk 241

IATA

UN number UN1593

UN proper shipping name Dichloromethane solution

Transport hazard class(es)

Class 6.1(PGIII)

Subsidiary risk Ш **Packing group Environmental hazards** No. **ERG Code** 6L

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo

aircraft

Class

Allowed.

6.1(PGIII)

Not available.

Allowed. Cargo aircraft only

IMDG

UN number UN1593

UN proper shipping name Transport hazard class(es)

DICHLOROMETHANE SOLUTION, MARINE POLLUTANT

Subsidiary risk Ш **Packing group**

Environmental hazards

Marine pollutant Yes 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

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 on the U.S. EPA TSCA Inventory List.

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

2,4,5-Trichlorophenol (CAS 95-95-4)	0.1 % One-Time Export Notification only.
2,4-Dichlorophenol (CAS 120-83-2)	0.1 % One-Time Export Notification only.
2,6-Dichlorophenol (CAS 87-65-0)	0.1 % One-Time Export Notification only.

CERCLA Hazardous Substance List (40 CFR 302.4)

2,3,4,6-Tetrachlorophenol (CAS 58-90-2)	Listed.
2,4,5-Trichlorophenol (CAS 95-95-4)	Listed.
2,4,6-Trichlorophenol (CAS 88-06-2)	Listed.
2,4-Dichlorophenol (CAS 120-83-2)	Listed.
2,4-Dimethylphenol (CAS 105-67-9)	Listed.
2,4-Dinitrophenol (min 15wt% water) (CAS 51-28-5)	Listed.
2,6-Dichlorophenol (CAS 87-65-0)	Listed.
2-Chlorophenol (CAS 95-57-8)	Listed.
2-Methylphenol (CAS 95-48-7)	Listed.
2-Nitrophenol (CAS 88-75-5)	Listed.
4,6-Dinitro-o-cresol (contains ~10% water) (CAS	Listed.
534-52-1)	

534-52-1)

4-Chloro-3-methylphenol (CAS 59-50-7)

Listed.

4-Methylphenol (CAS 106-44-5)

Listed.

4-Nitrophenol (CAS 100-02-7)

Listed.

Benzoic acid (CAS 65-85-0)

Methylene chloride (CAS 75-09-2)

Listed.

Pentachlorophenol (CAS 87-86-5)

Listed.

Phenol (CAS 108-95-2)

Listed.

SARA 304 Emergency release notification

2-Methylphenol (CAS 95-48-7) 100 LBS 4,6-Dinitro-o-cresol (contains ~10% water) (CAS 10 LBS 534-52-1)

Phenol (CAS 108-95-2) 1000 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
2-Methylphenol 4,6-Dinitro-o-cresol (contains ~10% water)	95-48-7 534-52-1	100 10		1000 lbs 10 lbs	10000 lbs 10000 lbs
Phenol	108-95-2	1000		500 lbs	10000 lbs

SARA 311/312 Hazardous No

chemical

SARA 313 (TRI reporting)

CAS number	% by wt.	
75-09-2	90 - 100	
58-90-2	0.1	
88-06-2	0.1	
87-65-0	0.1	
95-57-8	0.1	
59-50-7	0.1	
87-86-5	0.1	
	75-09-2 58-90-2 88-06-2 87-65-0 95-57-8 59-50-7	75-09-2 90 - 100 58-90-2 0.1 88-06-2 0.1 87-65-0 0.1 95-57-8 0.1 59-50-7 0.1

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

- 2,4,5-Trichlorophenol (CAS 95-95-4)
- 2,4,6-Trichlorophenol (CAS 88-06-2)
- 2,4-Dinitrophenol (min 15wt% water) (CAS 51-28-5)
- 2-Methylphenol (CAS 95-48-7)
- 4,6-Dinitro-o-cresol (contains ~10% water) (CAS 534-52-1)
- 4-Methylphenol (CAS 106-44-5)
- 4-Nitrophenol (CAS 100-02-7)
- Methylene chloride (CAS 75-09-2)
- Pentachlorophenol (CAS 87-86-5)

Phenol (CAS 108-95-2)

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

Not regulated.

Safe Drinking Water Act Not regulated.

(SDWA)

US state regulations

US. Massachusetts RTK - Substance List

- 2,3,4,6-Tetrachlorophenol (CAS 58-90-2)
- 2,4,5-Trichlorophenol (CAS 95-95-4)
- 2,4,6-Trichlorophenol (CAS 88-06-2)
- 2,4-Dichlorophenol (CAS 120-83-2)
- 2,4-Dimethylphenol (CAS 105-67-9)
- 2,4-Dinitrophenol (min 15wt% water) (CAS 51-28-5)
- 2,6-Dichlorophenol (CAS 87-65-0)
- 2-Chlorophenol (CAS 95-57-8)
- 2-Methylphenol (CAS 95-48-7)
- 2-Nitrophenol (CAS 88-75-5)
- 4,6-Dinitro-o-cresol (contains ~10% water) (CAS 534-52-1)
- 4-Chloro-3-methylphenol (CAS 59-50-7)
- 4-Methylphenol (CAS 106-44-5)
- 4-Nitrophenol (CAS 100-02-7)

Benzoic acid (CAS 65-85-0)

Methylene chloride (CAS 75-09-2)

Pentachlorophenol (CAS 87-86-5)

Phenol (CAS 108-95-2)

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

2,3,4,6-Tetrachlorophenol (CAS 58-90-2)	500 LBS
2,4,5-Trichlorophenol (CAS 95-95-4)	500 LBS
2.4.6-Trichlorophenol (CAS 88-06-2)	500 LBS

2,4-Dichlorophenol (CAS 120-83-2) 2,4-Dimethylphenol (CAS 105-67-9) 2,4-Dinitrophenol (min 15wt% water) (CAS 51-28-5) 2,6-Dichlorophenol (CAS 87-65-0) 2-Chlorophenol (CAS 95-57-8) 2-Methylphenol (CAS 95-48-7) 2-Nitrophenol (CAS 88-75-5) 4,6-Dinitro-o-cresol (contains ~10% water) (CAS	500 LBS 500 LBS 500 LBS 500 LBS 500 LBS 500 LBS 500 LBS 10 LBS
534-52-1) 4-Chloro-3-methylphenol (CAS 59-50-7)	500 LBS
4-Methylphenol (CAS 106-44-5)	500 LBS
4-Nitrophenol (CAS 100-02-7)	500 LBS
Methylene chloride (CAS 75-09-2)	500 LBS
Pentachlorophenol (CAS 87-86-5)	500 LBS
Phenol (CAS 108-95-2)	500 LBS

US. Pennsylvania RTK - Hazardous Substances

- 2,3,4,6-Tetrachlorophenol (CAS 58-90-2)
- 2,4,5-Trichlorophenol (CAS 95-95-4)
- 2,4,6-Trichlorophenol (CAS 88-06-2)
- 2,4-Dichlorophenol (CAS 120-83-2)
- 2,4-Dimethylphenol (CAS 105-67-9)
- 2,4-Dinitrophenol (min 15wt% water) (CAS 51-28-5)
- 2,6-Dichlorophenol (CAS 87-65-0)
- 2-Chlorophenol (CAS 95-57-8)
- 2-Methylphenol (CAS 95-48-7)
- 2-Nitrophenol (CAS 88-75-5)
- 4,6-Dinitro-o-cresol (contains ~10% water) (CAS 534-52-1)
- 4-Chloro-3-methylphenol (CAS 59-50-7)
- 4-Methylphenol (CAS 106-44-5)
- 4-Nitrophenol (CAS 100-02-7)
- Benzoic acid (CAS 65-85-0)
- Methylene chloride (CAS 75-09-2)
- Pentachlorophenol (CAS 87-86-5)
- Phenol (CAS 108-95-2)

US. Rhode Island RTK

- 2,3,4,6-Tetrachlorophenol (CAS 58-90-2)
- 2,4,5-Trichlorophenol (CAS 95-95-4)
- 2,4,6-Trichlorophenol (CAS 88-06-2)
- 2,4-Dichlorophenol (CAS 120-83-2)
- 2,4-Dimethylphenol (CAS 105-67-9)
- 2,4-Dinitrophenol (min 15wt% water) (CAS 51-28-5)
- 2,6-Dichlorophenol (CAS 87-65-0)
- 2-Chlorophenol (CAS 95-57-8)
- 2-Methylphenol (CAS 95-48-7)
- 2-Nitrophenol (CAS 88-75-5)
- 4,6-Dinitro-o-cresol (contains ~10% water) (CAS 534-52-1)
- 4-Chloro-3-methylphenol (CAS 59-50-7)
- 4-Methylphenol (CAS 106-44-5)
- 4-Nitrophenol (CAS 100-02-7)
- Benzoic acid (CAS 65-85-0)
- Methylene chloride (CAS 75-09-2)
- Pentachlorophenol (CAS 87-86-5)
- Phenol (CAS 108-95-2)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

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

2,4,6-Trichlorophenol (CAS 88-06-2)

Methylene chloride (CAS 75-09-2)

Pentachlorophenol (CAS 87-86-5)

Listed: January 1, 1988

Listed: January 1, 1990

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)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes

Country(s) or region Inventory name On inventory (yes/no)* Europe European Inventory of Existing Commercial Chemical Substances (EINECS) Europe European List of Notified Chemical Substances (ELINCS) No Japan Inventory of Existing and New Chemical Substances (ENCS) Yes Existing Chemicals List (ECL) Korea Nο New Zealand New Zealand Inventory No **Philippines** Philippine Inventory of Chemicals and Chemical Substances No

(PICCS)

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

Yes

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

Issue date 08-15-2014

Version # 01

NFPA ratings Health: 2

Flammability: 1 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.

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