

# Safety Data Sheet

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

Date of issue: 09/11/2019 Revision date: 09/11/2019 Version: 1.0

## **SECTION 1: Identification**

1.1. Identification

Product form : Mixture
Product name : APPIX Cal Mix C
Product code : AL0-130860

#### 1.2. Recommended use and restrictions on use

No additional information available

#### 1.3. Supplier

Phenova

6390 Joyce Dr. Suite 100

Golden, CO 80403 - United States T 1-866-942-2978 - F 1-866-283-0269 info@phenova.com - www.phenova.com

#### 1.4. Emergency telephone number

Emergency number : ChemTel Assistance (US/Canada) 1-800-255-3924

ChemTel Assistance (International) +1 813-248-0585

#### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

#### **GHS US classification**

Flammable liquids H227 Combustible liquid

Category 4

Skin sensitization, Category H317 May cause an allergic skin reaction

1

Carcinogenicity Category H350 May cause cancer

1A

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

#### **GHS US labeling**

Hazard pictograms (GHS-US)





Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H227 - Combustible liquid

H317 - May cause an allergic skin reaction

H350 - May cause cancer

Precautionary statements (GHS-US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P272 - Contaminated work clothing must not be allowed out of the workplace P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - If on skin: Wash with plenty of water

P308+P313 - If exposed or concerned: Get medical advice/attention. P321 - Specific treatment (see supplemental first aid instruction on this label) P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

P370+P378 - In case of fire: Use media other than water to extinguish.

P403+P235 - Store in a well-ventilated place. Keep cool.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation

### 2.3. Other hazards which do not result in classification

#### No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

09/11/2019 EN (English US) Page 1

# Safety Data Sheet

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

## **SECTION 3: Composition/Information on ingredients**

#### 3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	Conc.
Methylene Chloride (Component)	(CAS-No.) 75-09-2	98.3
tris(2,3-dibromopropyl) phosphate (Component)	(CAS-No.) 126-72-7	0.4
chlordecone (Component)	(CAS-No.) 143-50-0	0.2
atrazine (Component)	(CAS-No.) 1912-24-9	0.1
o-toluidine (Component)	(CAS-No.) 95-53-4	0.1

Full text of hazard classes and H-statements : see section 16

# 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 : Allow victim to breathe fresh air. 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

persists.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

# 4.2. Most important symptoms and effects (acute and delayed)

Potential Adverse human health effects and

symptoms

: Based on available data, the classification criteria are not met.

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

## 4.3. Immediate medical attention and special treatment, if necessary

No additional information available

### **SECTION 5: Fire-fighting measures**

## 5.1. Suitable (and unsuitable) 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. Specific hazards arising from the chemical

No additional information available

# 5.3. Special protective equipment and precautions for fire-fighters

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 measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

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

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

09/11/2019 EN (English US) 2/11

# Safety Data Sheet

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

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills w

: 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 personal protection.

# SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions 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 of vapor.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Keep only in the original container in a cool, well ventilated place away from : Keep container

closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

## SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

APPIX Cal Mix C		
ACGIH	Local name	Dichloromethane
ACGIH	ACGIH TWA (ppm)	50 ppm
ACGIH	Remark (ACGIH)	COHb-emia; CNS impair
ACGIH	Regulatory reference	ACGIH 2018
OSHA	Remark (OSHA)	(2) See Table Z-2.
OSHA	Regulatory reference (US-OSHA)	OSHA

atrazine (1912-24-9)		
ACGIH	Local name	Atrazine
ACGIH	ACGIH TWA (mg/m³)	2 mg/m³ (Inhalable fraction)
ACGIH	Remark (ACGIH)	CNS convul; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans: The agent is carcinogenic in experimental animals at a relatively high dose, by route(s) of administration, at site(s), of histologic type(s), or by mechanism(s) that may not be relevant to worker exposure. Available epidemiologic studies do not confirm an increased risk of cancer in exposed humans. Available evidence does not suggest that the agent is likely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure)
ACGIH	Regulatory reference	ACGIH 2018

## tris(2,3-dibromopropyl) phosphate (126-72-7)

Not applicable

# chlordecone (143-50-0)

Not applicable

o-toluidine (95-53-4)		
ACGIH	ACGIH TWA (ppm)	2 ppm (o-Toluidine; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
OSHA	OSHA PEL (TWA) (mg/m³)	22 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	5 ppm
OSHA	Regulatory reference (US-OSHA)	OSHA

Methylene Chloride (75-09-2)		
ACGIH	Local name	Dichloromethane

09/11/2019 EN (English US) 3/11

# Safety Data Sheet

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

Methylene Chloride (75-09-2)		
ACGIH	ACGIH TWA (ppm)	50 ppm
ACGIH	Remark (ACGIH)	COHb-emia; CNS impair
ACGIH	Regulatory reference	ACGIH 2018
OSHA	Remark (OSHA)	(2) See Table Z-2.
OSHA	Regulatory reference (US-OSHA)	OSHA

### 8.2. Appropriate engineering controls

No additional information available

### 8.3. Individual protection measures/Personal protective equipment

### Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear protective gloves.

Eye protection:

Chemical goggles or safety glasses

### Respiratory protection:

Wear appropriate mask

Other information:

Odor threshold

**Explosion limits** 

Do not eat, drink or smoke during use.

## **SECTION 9: Physical and chemical properties**

9.1.			
	Information on		

Physical state : Liquid

: Colorless : characteristic

: No data available

: No data available

pH : No data available
Melting point : No data available

Freezing point : No data available
Boiling point : No data available
Flash point : No data available
i : No data available

Relative evaporation rate (butyl acetate=1) : No data available Flammability (solid, gas) : Non flammable.

Vapor pressure : No data available Relative vapor density at 20 °C : No data available Relative density : No data available

Solubility : No data available
Log Pow : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available

Explosive properties : No data available
Oxidizing properties : No data available

09/11/2019 EN (English US) 4/11

# Safety Data Sheet

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

### 9.2. Other information

No additional information available

# SECTION 10: Stability and reactivity

## 10.1. Reactivity

No additional information available

## 10.2. Chemical stability

Not established.

## 10.3. Possibility of hazardous reactions

Not established.

# 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

# 10.5. Incompatible materials

Strong acids. Strong bases.

## 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

# SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

tris(2,3-dibromopropyl) phosphate (1	26-72-7)
LD50 oral rat	> 1010 mg/kg (Rat)
LD50 dermal rabbit	> 8000 mg/kg (Rabbit)
chlordecone (143-50-0)	
LD50 oral rat	95 mg/kg (Rat, Oral)
LD50 dermal rabbit	345 mg/kg (Rabbit, Dermal)
ATE US (oral)	95 mg/kg body weight
ATE US (dermal)	345 mg/kg body weight
o-toluidine (95-53-4)	
LD50 oral rat	670 mg/kg (Rat)
LD50 dermal rabbit	3250 mg/kg (Rabbit)
ATE US (oral)	670 mg/kg body weight
ATE US (dermal)	3250 mg/kg body weight
ATE US (gases)	700 ppmV/4h
ATE US (vapors)	3 mg/l/4h
ATE US (dust, mist)	0.5 mg/l/4h
Methylene Chloride (75-09-2)	
LD50 oral rat	> 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral)
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal)
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: May cause cancer.

tris(2,3-dibromopropyl) phosphate (126-72-7)	
IARC group	2A - Probably carcinogenic to humans
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
chlordecone (143-50-0)	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen

09/11/2019 EN (English US) 5/11

# Safety Data Sheet

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

o-toluidine (95-53-4)	
IARC group	1 - Carcinogenic to humans
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen, Known Human Carcinogens
Methylene Chloride (75-09-2)	
IARC group	2A - Probably carcinogenic to humans
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
	·

Reproductive toxicity : Not classified Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated

exposure

: Not classified

Aspiration hazard : Not classified

Potential Adverse human health effects and

symptoms

: Based on available data, the classification criteria are not met.

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

# **SECTION 12:** Ecological information

#### 12.1. Toxicity

tris(2,3-dibromopropyl) phosphate (126-72-7)	
LC50 fish 1	1.45 mg/l (96 h, Salmo gairdneri)
chlordecone (143-50-0)	
LC50 fish 1	0.036 mg/l (96 h, Salmo gairdneri, Literature study)
EC50 Daphnia 1	0.26 mg/l (48 h, Daphnia magna, Literature study)
o-toluidine (95-53-4)	
LC50 fish 1	68 - 100 mg/l (LC50; 96 h; Leuciscus idus)
EC50 Daphnia 1	0.52 mg/l (EC50; 48 h)
Methylene Chloride (75-09-2)	
LC50 fish 1	193 mg/l (96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)
EC50 Daphnia 1	168.2 mg/l (48 h, Daphnia magna)

# 12.2. Persistence and degradability

APPIX Cal Mix C		
Persistence and degradability	Not established.	
atrazine (1912-24-9)		
Persistence and degradability	Biodegradability in soil: no data available. Not readily biodegradable in water.	
tris(2,3-dibromopropyl) phosphate (126-72-7)		
Persistence and degradability	Not readily biodegradable in water.	
chlordecone (143-50-0)		
Persistence and degradability	Not readily biodegradable in water.	
o-toluidine (95-53-4)	o-toluidine (95-53-4)	
Persistence and degradability	Readily biodegradable in water. Forming sediments in water. Photolysis in the air.	
Biochemical oxygen demand (BOD)	1.43 g O₂/g substance	
ThOD	2.54 g O₂/g substance	
BOD (% of ThOD)	0.56	
Methylene Chloride (75-09-2)		
Persistence and degradability	Biodegradable in the soil. Not readily biodegradable in water.	

# 12.3. Bioaccumulative potential

APPIX Cal Mix C	
Bioaccumulative potential	Not established.

09/11/2019 EN (English US) 6/11

# Safety Data Sheet

o-toluidine (95-53-4)

Other information

Methylene Chloride (75-09-2)

atrazine (1912-24-9)					
BCF fish 1	3 - 4 (Cyprinus carpio)				
BCF fish 2	3 - 10 (Pisces)				
BCF other aquatic organisms 1	52 (24 h, Chlorella sp.)				
BCF other aquatic organisms 2	10 - 83 (Algae)				
Log Pow	2.64				
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).				
tris(2,3-dibromopropyl) phosphate (126-7	2-7)				
BCF fish 1	0.7 - 4.3 (Cyprinus carpio, Test duration: 6 weeks)				
Log Pow	1.75 - 4.29				
chlordecone (143-50-0)					
BCF fish 1	1100 - 2200 (Pimephales promelas, Literature study, Chronic)				
Log Pow	3.78 - 6.08 (Literature study)				
Bioaccumulative potential	High potential for bioaccumulation (Log Kow > 5).				
·	g potential for biodocamalation (Log 1.04 - 0).				
o-toluidine (95-53-4)	2.2 (PCE: 40 h)				
BCF fish 1	2.2 (BCF; 48 h)				
BCF other aquatic organisms 1	5.9 (BCF)				
Log Pow	1.29 - 1.4				
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).				
Methylene Chloride (75-09-2)					
BCF fish 1	2 - 40 (OECD 305: Bioconcentration: Flow-Through Fish Test, 6 week(s), Cyprinus carpid Semi-static system, Fresh water, Experimental value, GLP)				
Log Pow	1.25 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flasl Method, 20 °C)				
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).				
2.4. Mobility in soil					
atrazine (1912-24-9)	Trade to flow Matter 1 to 1				
Ecology - soil	Toxic to flora. Not toxic to bees.				
chlordecone (143-50-0)					
Ecology - soil	Adsorbs into the soil.				
o-toluidine (95-53-4)					
Surface tension	0.043 N/m				
Methylene Chloride (75-09-2)					
Surface tension	0.028 N/m (20 °C)				
Ecology - soil	Low potential for adsorption in soil. May be harmful to plant growth, blooming and fruit				
5,	formation.				
2.5. Other adverse effects					
APPIX Cal Mix C					
atrazine (1912-24-9)					
,					
tris(2,3-dibromopropyl) phosphate (126-7	2-7)				

09/11/2019 EN (English US) 7/11

: Avoid release to the environment.

# Safety Data Sheet

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

#### **SECTION 13: Disposal considerations**

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

#### **SECTION 14: Transport information**

#### Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN2810 Toxic, liquids, organic, n.o.s. (atrazine; o-toluidine), 6.1, III

UN-No.(DOT) : UN2810

Proper Shipping Name (DOT) : Toxic, liquids, organic, n.o.s.

atrazine : o-toluidine

Class (DOT) : 6.1 - Class 6.1 - Poisonous materials 49 CFR 173.132

Packing group (DOT) : III - Minor Danger Hazard labels (DOT) : 6.1 - Poison



DOT Packaging Non Bulk (49 CFR 173.xxx) : 203
DOT Packaging Bulk (49 CFR 173.xxx) : 241

DOT Symbols : G - Identifies PSN requiring a technical name

DOT Special Provisions (49 CFR 172.102) : IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite

(31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table

2 for UN2672).

T7 - 4 178.274(d)(2) Normal...... 178.275(d)(3)

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the

MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx) : 153
DOT Quantity Limitations Passenger aircraft/rail : 60 L

(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 220 L

CFR 175.75)

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a

passenger vessel.

DOT Vessel Stowage Other : 40 - Stow "clear of living quarters"

Emergency Response Guide (ERG) Number : 153

Other information : No supplementary information available.

#### **Transportation of Dangerous Goods**

Not applicable

#### Transport by sea

Transport document description (IMDG) : UN 2810 TOXIC LIQUID, ORGANIC, N.O.S. (atrazine; o-toluidine), 6.1, III, MARINE

POLLUTANT/ENVIRONMENTALLY HAZARDOUS

UN-No. (IMDG) : 2810

Proper Shipping Name (IMDG) : TOXIC LIQUID, ORGANIC, N.O.S.

Class (IMDG) : 6.1 - Toxic substances

Packing group (IMDG) : III - substances presenting low danger

09/11/2019 EN (English US) 8/11

# Safety Data Sheet

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

#### Air transport

Transport document description (IATA) : UN 2810 Toxic liquid, organic, n.o.s. (atrazine; o-toluidine), 6.1, III, ENVIRONMENTALLY

**HAZARDOUS** 

UN-No. (IATA) : 2810

Proper Shipping Name (IATA) : Toxic liquid, organic, n.o.s.

Class (IATA) : 6.1 - Toxic Substances

Packing group (IATA) : III - Minor Danger

### **SECTION 15: Regulatory information**

#### 15.1. US Federal regulations

Contains chemical(s) subject to TSCA 12b export notification if product is shipped outside the U.S

tris(2,3-dibromopropyl) phosphate CAS-No. 126-72-7 0.4%

#### atrazine (1912-24-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313

#### tris(2,3-dibromopropyl) phosphate (126-72-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313

EPA TSCA Regulatory Flag S - S - indicates a substance that is identified in a final Significant New Use Rule.

CERCLA RQ 10 lb

#### chlordecone (143-50-0)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory Not subject to reporting requirements of the United States SARA Section 313

CERCLA RQ 1 II

#### o-toluidine (95-53-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Subject to reporting requirements of United States SARA Section 313

Listed on EPA Hazardous Air Pollutant (HAPS)

CERCLA RQ 100 lb

#### Methylene Chloride (75-09-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Subject to reporting requirements of United States SARA Section 313

Listed on EPA Hazardous Air Pollutant (HAPS)

EPA TSCA Regulatory Flag R - R - indicates a substance that is the subject of a TSCA section 6 risk management rule.

CERCLA RQ 1000 lb

#### 15.2. International regulations

#### **CANADA**

## atrazine (1912-24-9)

Listed on the Canadian DSL (Domestic Substances List)

#### tris(2,3-dibromopropyl) phosphate (126-72-7)

Listed on the Canadian NDSL (Non-Domestic Substances List)

# chlordecone (143-50-0)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

## o-toluidine (95-53-4)

Listed on the Canadian DSL (Domestic Substances List)

# Methylene Chloride (75-09-2)

Listed on the Canadian DSL (Domestic Substances List)

#### **EU-Regulations**

No additional information available

### **National regulations**

09/11/2019 EN (English US) 9/11

# Safety Data Sheet

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

## tris(2,3-dibromopropyl) phosphate (126-72-7)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

#### chlordecone (143-50-0)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

# o-toluidine (95-53-4)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program) Listed on EPA Hazardous Air Pollutant (HAPS)

### Methylene Chloride (75-09-2)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program) Listed on EPA Hazardous Air Pollutant (HAPS)

### 15.3. US State regulations

atrazine (1912-2	4-9)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
No	Yes	Yes	Yes		100 μg/day (oral)
tris(2,3-dibromo	propyl) phosphate (	126-72-7)			
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	No	No	No	0.3 μg/day	
chlordecone (14	13-50-0)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	Yes	No	No	0.04 μg/day	
o-toluidine (95-	o-toluidine (95-53-4)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	No	No	No	4 μg/day	
Methylene Chloride (75-09-2)					
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	No	No	No	50 μg/day	

## SECTION 16: Other information

Revision date : 09/11/2019 Other information : None.

09/11/2019 EN (English US) 10/11

# Safety Data Sheet

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

### Full text of H-phrases:

H227	Combustible liquid	
H317	May cause an allergic skin reaction	
H350	May cause cancer	

### Phenova US SDS REV

Copyright 2015 Phenova, Inc. License granted to make paper copies for internal use. The information contained in this Safety Data Sheet is based on our current knowledge. The information contained in this document should be used only as a guide for appropriate safety precautions and should not be considered to be all inclusive. Users should make their own investigation to determine the suitability of the information for their particular purposes. The document does not represent any guarantee of the properties of the product. Phenova, Inc. shall not be held liable for any damage resulting from the handling or use of this product. Visit the Terms and Conditions of Sale link at www.phenova.com for additional terms and conditions of sale.

09/11/2019 EN (English US) 11/11