## SAFETY DATA SHEET

#### 1. Identification

Product number

1000036031

Product identifier

12 OZ MAC'S CARB & CHOKE CLEANER LT 12PK

Company information

NAPA BALKAMP

2601 Stout Heritage Parkway Plainfield, IN 46168 United States

Company phone

General Assistance 1-317-754-3900

**Emergency telephone US** 

1-866-836-8855

Emergency telephone outside

1-952-852-4646

Version #

01

Recommended use

Cleaner

Recommended restrictions

None known.

## 2. Hazard(s) identification

Physical hazards

Flammable aerosols

Category 1

Health hazards

Serious eye damage/eye irritation

Category 2

Reproductive toxicity (the unborn child)

Category 2

Specific target organ toxicity, single exposure

Category 3 narcotic effects

Specific target organ toxicity, repeated

Category 2

exposure

OSHA defined hazards

Not classified.

Label elements







Signal word

**Hazard statement** 

Extremely flammable aerosol. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure.

Precautionary statement

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response

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. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention.

Storage

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal

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

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information

None.

#### 3. Composition/information on ingredients

**Mixtures** 

Product name: 12 OZ MAC'S CARB & CHOKE CLEANER LT 12PK Product #: 1000036031 Version #: 01 Issue date: 01-30-2018

Chemical name	Common name and synonyms	CAS number	%
Acetone		67-64-1	80 - 90
Carbon Dioxide		124-38-9	2.5 - 10
Toluene		108-88-3	2.5 - 10
Distillates (petroleum), Hydrotreated Light		64742-47-8	1 - 2.5
Methyl Acetate		79-20-9	1 - 2.5
Other components below reportab	le levels		0.01 - 0.1

<sup>\*</sup>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. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin contact Eve contact

Ingestion

Wash off with soap and water. Get medical attention if irritation develops and persists.

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.

Most important symptoms/effects, acute and delayed May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed

General information

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

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.

## 5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing

media

Specific hazards arising from the chemical

Special protective equipment and precautions for firefighters

Fire fighting

equipment/instructions

Specific methods

General fire hazards

Alcohol resistant foam. Powder. Carbon dioxide (CO2).

Do not use water jet as an extinguisher, as this will spread the fire.

Contents under pressure. Pressurized container may explode when exposed to heat or flame.

During fire, gases hazardous to health may be formed. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes.

Extremely flammable aerosol.

## 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 gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. 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

Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. 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. For waste disposal, see section 13 of the SDS.

#### **Environmental precautions**

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. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. Avoid contact with eyes. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

# Conditions for safe storage, including any incompatibilities

Level 2 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

US. OSHA Table Z-	I Limits for Air	Contaminants	(29 CF	R 1910.1000)
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124-38-9	Components	Туре	Value	
Carbon Dioxide (CAS 124-38-9)       PEL       9000 mg/m3         Methyl Acetate (CAS 79-20-9)       PEL       5000 ppm         US. OSHA Table Z-2 (29 CFR 1910.1000)       Z00 ppm       200 ppm         US. OSHA Table Z-2 (29 CFR 1910.1000)       Type       Value         Toluene (CAS 108-88-3)       Ceiling TWA 200 ppm       300 ppm         US. ACGIH Threshold Limit Values       Type       Value         Components       Type       Value         Acetone (CAS 67-64-1)       STEL 500 ppm         Carbon Dioxide (CAS STEL 30000 ppm       250 ppm         124-38-9)       TWA 5000 ppm         Methyl Acetate (CAS STEL 250 ppm       250 ppm         Toluene (CAS 108-88-3)       TWA 200 ppm         US. NIOSH: Pocket Guide to Chemical Hazards       Type       Value         Acetone (CAS 67-64-1)       TWA 590 mg/m3         US. NIOSH: Pocket Guide to Chemical Hazards       250 ppm         Carbon Dioxide (CAS 57-64-1)       TWA 590 mg/m3         TWA 9000 mg/m3       250 ppm         Carbon Dioxide (CAS 57-64-1)       TWA 9000 mg/m3         Methyl Acetate (CAS 79-60 mg/m3       5000 ppm         TWA 9000 mg/m3       5000 ppm         Methyl Acetate (CAS 79-60 mg/m3       5000 ppm         Mothyl Acetate (CAS 79-	Acetone (CAS 67-64-1)	PEL	2400 mg/m3	
Carbon Dioxide (CAS 124-38-9)       PEL       9000 mg/m3         Methyl Acetate (CAS 79-20-9)       PEL       5000 ppm         US. OSHA Table Z-2 (29 CFR 1910.1000)       Z00 ppm       200 ppm         US. OSHA Table Z-2 (29 CFR 1910.1000)       Type       Value         Toluene (CAS 108-88-3)       Ceilling TWA 200 ppm       200 ppm         US. ACGIH Threshold Limit Values       Type       Value         Acetone (CAS 67-64-1)       STEL 500 ppm         Carbon Dioxide (CAS 5TEL 30000 ppm       250 ppm         124-38-9)       TWA 5000 ppm         Methyl Acetate (CAS 5TEL 250 ppm       250 ppm         Toluene (CAS 108-88-3)       TWA 200 ppm         US. NIOSH: Pocket Guide to Chemical Hazards       Type       Value         Acetone (CAS 67-64-1)       TWA 590 mg/m3         US. NIOSH: Pocket Guide to Chemical Hazards       250 ppm         Components       Type       Value         Acetone (CAS 67-64-1)       TWA 590 mg/m3         250 ppm       250 ppm         Carbon Dioxide (CAS 57-64-1)       TWA 9000 mg/m3         124-38-9)       30000 ppm         Methyl Acetate (CAS 760 ppm       TWA 9000 mg/m3         129-20-9)       3000 ppm         TWA 9000 mg/m3       5000 ppm <t< td=""><td></td><td></td><td>1000 ppm</td><td></td></t<>			1000 ppm	
Methyl Acetate (CAS   PEL   5000 ppm   610 mg/m3   79-20-9)   200 ppm   20	Carbon Dioxide (CAS	PEL		
Methyl Acetate (CAS 79-20-9)         PEL         610 mg/m3           V9-20-9)         200 ppm           US. OSHA Table Z-2 (29 CFR 1910.1000)         Type         Value           Toluene (CAS 108-88-3)         Ceilling 7WA 200 ppm           US. ACGIH Threshold Limit Values         Type         Value           Components         Type         Value           Acetone (CAS 67-64-1)         STEL 500 ppm           Carbon Dioxide (CAS 5TEL 250 ppm         30000 ppm           124-38-9)         TWA 5000 ppm           Methyl Acetate (CAS 79-20-9)         TWA 200 ppm           VIS. NIOSH: Pocket Guide to Chemical Hazzrds         TWA 200 ppm           Carbon Dioxide (CAS 67-64-1)         TWA 590 mg/m3 250 ppm           Acetone (CAS 67-64-1)         TWA 590 mg/m3 250 ppm           Carbon Dioxide (CAS 7-64-1)         TWA 59000 mg/m3 250 ppm           Methyl Acetate (CAS 7-64-1)         TWA 9000 mg/m3 5000 ppm           Methyl Acetate (CAS 79-20-9)         TWA 610 mg/m3 75000 ppm	124-38-9)			
79-20-9)  US. OSHA Table Z-2 (29 CFR 1910.1000) Components  Type  Value  Toluene (CAS 108-88-3)  Ceiling 300 ppm TWA 200 ppm  US. ACGIH Threshold Limit Values Components  Type  Value  Acetone (CAS 67-64-1)  TWA 250 ppm  Carbon Dioxide (CAS 57-64-1)  Methyl Acetate (CAS 57-64-1)  TWA 5000 ppm  TWA 5000 ppm  TWA 5000 ppm  TWA 5000 ppm  TWA 200 ppm  TWA 30000 ppm  TWA 590 mg/m3 250 ppm  Carbon Dioxide (CAS 67-64-1)  TWA 9000 mg/m3  TWA 9000 mg/m3  TWA 9000 mg/m3  TWA 9000 ppm  Methyl Acetate (CAS 5TEL 760 mg/m3  TWA 9000 mg/m3  TWA 9000 ppm  Methyl Acetate (CAS 5TEL 760 mg/m3  TWA 900 mg/m3  TWA 9000 ppm  Methyl Acetate (CAS 5TEL 760 mg/m3  TWA 9000 mg/m3				
Some		PEL	610 mg/m3	
US. OSHA Table Z-2 (29 CFR 1910.1000) Components Type Value  Toluene (CAS 108-88-3) Ceilling 300 ppm 200 ppm  US. ACGIH Threshold Limit Values Components Type Value  Acetone (CAS 67-64-1) STEL 500 ppm  TWA 250 ppm  Carbon Dioxide (CAS 57-64-1) TWA 5000 ppm  Methyl Acetate (CAS 5TEL 250 ppm  TWA 5000 ppm  TWA 5000 ppm  TWA 200 ppm  TWA 200 ppm  TWA 200 ppm  TWA 200 ppm  US. NIOSH: Pocket Guide to Chemical Hazards Components Type Value  Acetone (CAS 67-64-1) TWA 590 mg/m3  250 ppm  Carbon Dioxide (CAS 57-64-1) TWA 590 mg/m3  250 ppm  Carbon Dioxide (CAS 57-64-1) TWA 590 mg/m3  250 ppm  Carbon Dioxide (CAS 57-64-1) TWA 590 mg/m3  250 ppm  Carbon Dioxide (CAS 57-64-1) TWA 590 mg/m3  250 ppm  Carbon Dioxide (CAS 57-64-1) TWA 9000 mg/m3  124-38-9) 30000 ppm  TWA 9000 mg/m3  50000 ppm  Acetate (CAS 67-64-1) TWA 9000 mg/m3  50000 ppm  TWA 5000 ppm	79-20-9)		200	
Components         Type         Value           Toluene (CAS 108-88-3)         Ceiling TWA         300 ppm           US. ACGIH Threshold Limit Values         Value           Components         Type         Value           Acetone (CAS 67-64-1)         STEL         500 ppm           Carbon Dioxide (CAS         STEL         30000 ppm           124-38-9)         TWA         5000 ppm           Methyl Acetate (CAS         STEL         250 ppm           79-20-9)         TWA         200 ppm           US. NIOSH: Pocket Guide to Chemical Hazards         20 ppm           Components         Type         Value           Acetone (CAS 67-64-1)         TWA         590 mg/m3           Carbon Dioxide (CAS         STEL         54000 mg/m3           124-38-9)         TWA         90000 mg/m3           Carbon Dioxide (CAS         STEL         54000 mg/m3           124-38-9)         TWA         50000 ppm           Methyl Acetate (CAS         STEL         760 mg/m3           Methyl Acetate (CAS         STEL         760 mg/m3	US OSHA Table 7.2 (20 CED 101	10 1000)	200 ppm	
Toluene (CAS 108-88-3)  Ceiling TWA 200 ppm  US. ACGIH Threshold Limit Values Components  Type  Value  Acetone (CAS 67-64-1)  Carbon Dioxide (CAS  Acetone (CAS  Type  TWA  TWA  TWA  TWA  TWA  TWA  TWA  TW		200 - 250	Value	
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US. ACGIH Threshold Limit Values	Toluene (CAS 108-88-3)		300 ppm	
Components         Type         Value           Acetone (CAS 67-64-1)         STEL TWA         500 ppm 250 ppm           Carbon Dioxide (CAS 124-38-9)         STEL TWA         30000 ppm           Methyl Acetate (CAS 79-20-9)         TWA         5000 ppm 250 ppm           Toluene (CAS 108-88-3)         TWA         200 ppm           US. NIOSH: Pocket Guide to Chemical Hazards Components         Type         Value           Acetone (CAS 67-64-1)         TWA         590 mg/m3 250 ppm           Carbon Dioxide (CAS 124-38-9)         STEL         54000 mg/m3 5000 ppm           Methyl Acetate (CAS 79-20-9)         STEL         760 mg/m3           TWA         9000 mg/m3 5000 ppm         5000 ppm           TWA         9000 mg/m3 5000 ppm         5000 ppm           TWA         9000 mg/m3 5000 ppm         5000 ppm           TWA         5000 ppm         5000 ppm           TWA         610 mg/m3         5000 ppm		TWA	200 ppm	
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Carbon Dioxide (CAS STEL 30000 ppm 124-38-9)  TWA 5000 ppm 5000 ppm 50000 ppm 79-20-9)  TWA 5000 ppm 79-20-9)  TWA 200 ppm 79-20-9)  TWA 200 ppm 7000 ppm 70	Components	Туре	Value	
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Methyl Acetate (CAS 79-20-9)       STEL       250 ppm         TOluene (CAS 108-88-3)       TWA       200 ppm         US. NIOSH: Pocket Guide to Chemical Hazards         Components       Type       Value         Acetone (CAS 67-64-1)       TWA       590 mg/m3         Carbon Dioxide (CAS 124-38-9)       STEL       54000 mg/m3         Methyl Acetate (CAS 57-64-1)       TWA       9000 mg/m3         5000 ppm       760 mg/m3         TWA       5000 ppm         Methyl Acetate (CAS 79-20-9)       STEL       760 mg/m3         TWA       500 ppm         TWA       610 mg/m3	124-38-9)	5.22	σοσσο βριτι	
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Components         Type         Value           Acetone (CAS 67-64-1)         TWA         590 mg/m3 250 ppm           Carbon Dioxide (CAS 124-38-9)         STEL         54000 mg/m3           TWA         30000 ppm 30000 mg/m3 5000 ppm           Methyl Acetate (CAS 79-20-9)         STEL         760 mg/m3           TWA         250 ppm 610 mg/m3           TWA         610 mg/m3	Toluene (CAS 108-88-3)	TWA	20 ppm	
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Carbon Dioxide (CAS 124-38-9)  TWA 30000 ppm 9000 mg/m3 50000 ppm 9000 ppm 50000 ppm 7600 mg/m3 5000 ppm 7600 mg/m3 760 mg/m3 760 ppm 760				
124-38-9)  TWA  30000 ppm  9000 mg/m3  5000 ppm  5000 ppm  760 mg/m3  79-20-9)  TWA  250 ppm  TWA  610 mg/m3	Carbon Dioxide (CAS	STEL	1702-1702	
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Methyl Acetate (CAS STEL 5000 ppm 760 mg/m3 79-20-9)  TWA 5000 ppm 760 mg/m3			30000 ppm	
Methyl Acetate (CAS STEL 760 mg/m3 79-20-9) 250 ppm TWA 610 mg/m3		TWA	9000 mg/m3	
Methyl Acetate (CAS STEL 760 mg/m3 79-20-9) 250 ppm TWA 610 mg/m3			5000 ppm	
250 ppm TWA 610 mg/m3		STEL	100 Carlo 300 Ca	
TWA 610 mg/m3	79-20-9)		an array to the content	
200 ppm		TWA		
			200 ppm	

Product name: 12 OZ MAC'S CARB & CHOKE CLEANER LT 12PK

Product #: 1000036031 Version #: 01 Issue date: 01-30-2018

US. NIOSH: Pocket	Guide to	Chemical	Hazards
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Components	Туре	Value	
Toluene (CAS 108-88-3)	STEL	560 mg/m3	
		150 ppm	
	TWA	375 mg/m3	
		100 ppm	

#### Biological limit values

ACGIH Biological Expos Components	ure indices Value	Determinant	Specimen	Sampling Time	
Acetone (CAS 67-64-1)	25 mg/l	Acetone	Urine	*	
Toluene (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*	
	0.03 mg/l	Toluene	Urine	*	
	0.02 mg/l	Toluene	Blood	*	

<sup>\* -</sup> For sampling details, please see the source document.

#### Exposure guidelines

US - California OELs: Skin designation

Toluene (CAS 108-88-3)

Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

Toluene (CAS 108-88-3)

Skin designation applies.

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. Provide eyewash station.

## Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection

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

supplier.

Other

Wear suitable protective clothing. Use of an impervious apron is recommended.

Respiratory protection

If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an

air-supplied respirator.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Observe any medical surveillance requirements. When using do not 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.

## 9. Physical and chemical properties

## **Appearance**

Physical state Gas.
Form Aerosol.
Color Not available.
Odor Not available.
Odor threshold Not available.
PH Not available.
Melting point/freezing point Not available.

Initial boiling point and boiling

range

113.51 °F (45.29 °C) estimated

Flash point 5.4 °F (-14.8 °C) estimated

Evaporation rate Not available.
Flammability (solid, gas) Not available.

Product name: 12 OZ MAC'S CARB & CHOKE CLEANER LT 12PK Product #: 1000036031 Version #: 01 Issue date: 01-30-2018 Upper/lower flammability or explosive limits

Flammability limit - lower

2.5 % estimated

(%)

Flammability limit - upper

12.2 % estimated

(%)

Explosive limit - lower (%) Not available. Not available.

Explosive limit - upper (%)

80 - 100 psig @20C estimated

Vapor pressure Vapor density

Not available.

Relative density

0.856 estimated

Solubility(ies)

Solubility (water)

Not available.

Partition coefficient

Not available.

(n-octanol/water)

896 °F (480 °C) estimated

**Decomposition temperature** 

Auto-ignition temperature

Not available.

Viscosity

Not available.

Other information

**Explosive properties** 

Not explosive.

Heat of combustion (NFPA

30B)

25.62 kJ/g estimated

**Oxidizing properties** 

Not oxidizing.

## 10. Stability and reactivity

Reactivity

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

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

**Chemical stability** 

Material is stable under normal conditions.

Possibility of hazardous

reactions

Hazardous polymerization does not occur.

Conditions to avoid

Acids. Strong oxidizing agents. Aluminum.

Incompatible materials

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. May cause

drowsiness and dizziness. Headache. Nausea, vomiting.

Skin contact

No adverse effects due to skin contact are expected.

Eye contact Ingestion

Causes serious eye irritation.

Symptoms related to the

Expected to be a low ingestion hazard.

physical, chemical and toxicological characteristics May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation.

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

Information on toxicological effects

Acute toxicity Narcotic effects.

Components **Species Test Results** 

Acetone (CAS 67-64-1)

Acute Dermal

LD50 Guinea pig

> 7426 mg/kg, 24 Hours

> 9.4 ml/kg, 24 Hours

Rabbit > 7426 mg/kg, 24 Hours

> 9.4 ml/kg, 24 Hours

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Species	Test Results
Rat	55700 ppm, 3 Hours
	132 mg/l, 3 Hours
	50.1 mg/l
Rat	5800 mg/kg
	2.2 ml/kg
reated Light (CAS 64742-47-8)	
Rabbit	> 2000 mg/kg
	> 2000 mg/kg, 24 Hours
	7.7
Rat	> 7.5 mg/l, 6 Hours
	> 4.6 mg/l, 4 Hours
	5000
Rat	> 5000 mg/kg
Det	> 2000 mg/kg, 24 Hours
Hat	> 2000 Hig/Ng, 24 Hodis
Pahhit	98.4 mg/l, 4 Hours
Nabbit	oo. i mgri, i moule
Bat	6482 mg/kg
nat	0.02 mg/ng
Rabbit	> 5000 mg/kg, 24 Hours
Mouse	6405 - 7436 ppm, 6 Hours
	5320 ppm, 8 Hours
Rat	5879 - 6281 ppm, 6 Hours
	25.7 mg/l, 4 Hours
Rat	> 5000 mg/kg
	Rat  Peated Light (CAS 64742-47-8)  Rabbit  Rat  Rat  Rat  Rat  Rat  Rat  Rabbit  Rat  Rabbit

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

Skin corrosion/irritation

Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye

irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization

Not a respiratory sensitizer.

Skin sensitization

This product is not expected to cause skin sensitization.

Germ cell mutagenicity

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

mutagenic or genotoxic.

Carcinogenicity

Risk of cancer cannot be excluded with prolonged exposure.

IARC Monographs. Overall Evaluation of Carcinogenicity

Toluene (CAS 108-88-3)

3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicity

Suspected of damaging the unborn child.

Specific target organ toxicity -

single exposure

May cause drowsiness and dizziness.

Specific target organ toxicity -

repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard Not likely, due to the form of the product.

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** 

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components		Species	Test Results
Acetone (CAS 67-64-1)	)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
Distillates (petroleum),	Hydrotreated Ligh	t (CAS 64742-47-8)	
Aquatic			
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	2.9 mg/l, 96 hours
Methyl Acetate (CAS 79	9-20-9)		
Aquatic			
Algae	IC50	Algae	120.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia	1026.7 mg/L, 48 Hours
Fish	LC50	Fathead minnow (Pimephales promelas)	295 - 348 mg/l, 96 hours
Toluene (CAS 108-88-3	3)		
Aquatic			
Algae	IC50	Algae	433.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia	7.645 mg/L, 48 Hours
		Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch)	8.11 mg/l, 96 hours

<sup>\*</sup> 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)

Acetone -0.24Methyl Acetate 0.18 Toluene 2.73

Mobility in soil No data available.

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation Other adverse effects 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. Contents

under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance

with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

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The waste code should be assigned in discussion between the user, the producer and the waste Hazardous waste code

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. Do not re-use empty containers.

## 14. Transport information

#### DOT

UN1950 **UN number** 

Aerosols, flammable, (each not exceeding 1 L capacity) UN proper shipping name

Transport hazard class(es)

2.1 Class Subsidiary risk 2.1 Label(s)

Not applicable. Packing group

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

Special provisions N82 306 Packaging exceptions None Packaging non bulk Packaging bulk None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking.

#### IATA

UN1950 **UN number** 

UN proper shipping name Aerosols, flammable

Transport hazard class(es)

2.1 Class Subsidiary risk 21 Label(s)

Not applicable. Packing group

**Environmental hazards** No. **ERG Code** 

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

instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo

aircraft

Allowed with restrictions.

Cargo aircraft only

Allowed with restrictions.

**Packaging Exceptions** 

LTD QTY

**IMDG** 

**UN** number UN1950 **AEROSOLS** UN proper shipping name

Transport hazard class(es)

2.1 Class Subsidiary risk None Label(s)

Not applicable. Packing group

**Environmental hazards** 

No. Marine pollutant F-D, S-U

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

instructions, SDS and emergency procedures before handling.

Packaging Exceptions

Transport in bulk according to

LTD QTY Not applicable.

Annex II of MARPOL 73/78 and

the IBC Code

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IATA; IMDG



## 15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Acetone (CAS 67-64-1)

Listed.

Toluene (CAS 108-88-3)

Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** 

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

#### SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous

No

chemical

SARA 313 (TRI reporting)

Chemical name	CAS number	CAS number % by wt.		
Toluene	108-88-3	2.5 - 10		

## Other federal regulations

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

Toluene (CAS 108-88-3)

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

Not regulated.

Safe Drinking Water Act

Not regulated.

(SDWA)

# Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

Acetone (CAS 67-64-1)

6532

Toluene (CAS 108-88-3)

6594

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### Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

35 %WV Acetone (CAS 67-64-1) Toluene (CAS 108-88-3) 35 %WV

**DEA Exempt Chemical Mixtures Code Number** 

Acetone (CAS 67-64-1) 6532 Toluene (CAS 108-88-3) 594

#### US state regulations

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

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

(a))

Acetone (CAS 67-64-1) Toluene (CAS 108-88-3)

#### US. Massachusetts RTK - Substance List

Acetone (CAS 67-64-1)

Carbon Dioxide (CAS 124-38-9) Methyl Acetate (CAS 79-20-9) Toluene (CAS 108-88-3)

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

Acetone (CAS 67-64-1)

Carbon Dioxide (CAS 124-38-9) Methyl Acetate (CAS 79-20-9)

Toluene (CAS 108-88-3)

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

Acetone (CAS 67-64-1)

Carbon Dioxide (CAS 124-38-9) Methyl Acetate (CAS 79-20-9) Toluene (CAS 108-88-3)

#### US. Rhode Island RTK

Acetone (CAS 67-64-1) Toluene (CAS 108-88-3)

#### 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

Listed: April 1, 1988 Acetaldehyde (CAS 75-07-0)

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

Listed: March 16, 2012 Methanol (CAS 67-56-1) Listed: January 1, 1991 Toluene (CAS 108-88-3)

#### International Inventories

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

\*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

01-30-2018

Version #

01

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other

materials or in any process, unless specified in the text.

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