## SAFETY DATA SHEET

#### 1. Identification

**Product number** 820

**Product identifier Choke & Carb Kleen** 

Kleen-Flo Tumbler Ind Limited **Company information** 

75 Advance Blvd

Brampton, Ontario L6T 4N1 Canada General Assistance 1-905-793-4311

Company phone

905-793-4311 (Monday to Friday 8.30am to **Emergency telephone** 4.30pm EST) (English Language only)

Version #

Recommended use CLEANER **Recommended restrictions** None known.

## 2. Hazard(s) identification

**Physical hazards** Flammable aerosols **Health hazards** 

Acute toxicity, inhalation Category 1 Skin corrosion/irritation Category 4 Serious eye damage/eye irritation Category 2 Reproductive toxicity Category 2A Specific target organ toxicity, single exposure Category 1B

Specific target organ toxicity, repeated

exposure

**OSHA** defined hazards Not classified.

Label elements



Signal word Danger

**Hazard statement** Extremely flammable aerosol. Causes skin irritation. Causes serious eye irritation. Harmful if

inhaled. May cause drowsiness or dizziness. May damage fertility or the unborn child. May cause

Category 3 narcotic effects

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Category 2

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.

If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable Response

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 skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated

clothing and wash before reuse.

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from Storage

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.

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## 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Acetone		67-64-1	15 - 40
Propane		74-98-6	15 - 40
Xylene		1330-20-7	15 - 40
Diacetone Alcohol		123-42-2	1 - 10
Ethyl Benzene		100-41-4	1 - 10
Isobutane		75-28-5	1 - 10
N Methyl Pyrrolidone		Mixture	0.1 - 1
Toluene		108-88-3	0.1 - 1

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. Call a POISON CENTER or doctor/physician if you feel unwell.

Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get Skin contact

medical advice/attention. Wash contaminated clothing before reuse.

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.

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

Ingestion

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

cause redness and pain. Prolonged exposure may cause chronic effects. delayed

Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim Indication of immediate under observation. Symptoms may be delayed. medical attention and special

**General information** IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in

## 5. Fire-fighting measures

treatment needed

Suitable extinguishing media Alcohol resistant foam. Powder. Carbon dioxide (CO2).

attendance.

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

Specific hazards arising from Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed. the chemical

Firefighters must use standard protective equipment including flame retardant coat, helmet with Special protective equipment face shield, gloves, rubber boots, and in enclosed spaces, SCBA. and precautions for firefighters

Fire fighting 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 equipment/instructions 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 Specific methods

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. General fire hazards

## 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.

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### 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, skin, and clothing. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

## Conditions for safe storage, including any incompatibilities

Level 3 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 in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

## Occupational exposure limits

116	ヘミロル エっちょう	_1 Limite for	Nir Contaminante	(29 CFR 1910.1000)
UG.	USTA TABLE Z	- 1 111111115 101 /	AII GOIHAIIIIIIAIIIS	129 GEN 1910.1000

Components	Туре	Value	
Acetone (CAS 67-64-1)	PEL	2400 mg/m3	
		1000 ppm	
Diacetone Alcohol (CAS 123-42-2)	PEL	240 mg/m3	
		50 ppm	
Ethyl Benzene (CAS 100-41-4)	PEL	435 mg/m3	
,		100 ppm	
Propane (CAS 74-98-6)	PEL	1800 mg/m3	
		1000 ppm	
Xylene (CAS 1330-20-7)	PEL	435 mg/m3	
,		100 ppm	
US. OSHA Table Z-2 (29 CFR 1910	0.1000)		
Components	Туре	Value	
Toluene (CAS 108-88-3)	Ceiling	300 ppm	
	TWA	200 ppm	
US. ACGIH Threshold Limit Value	S		
Components	Туре	Value	
Acetone (CAS 67-64-1)	STEL	500 ppm	
	TWA	250 ppm	
Diacetone Alcohol (CAS 123-42-2)	TWA	50 ppm	
Ethyl Benzene (CAS 100-41-4)	TWA	20 ppm	
Isobutane (CAS 75-28-5)	STEL	1000 ppm	
Toluene (CAS 108-88-3)	TWA	20 ppm	
		• •	
Xylene (CAS 1330-20-7)	STEL	150 ppm	

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## **US. NIOSH: Pocket Guide to Chemical Hazards**

Acetone (CAS 67-64-1)	Components	Туре	Value	
Diacetone Alcohol (CAS 123-42-2)	Acetone (CAS 67-64-1)	TWA	590 mg/m3	
123-42-2)			250 ppm	
STEL   545 mg/m3   125 ppm   125 ppm   100-41-4)   100 ppm   1000 ppm	•	TWA	240 mg/m3	
100-41-4)   125 ppm   125 ppm   435 mg/m3   100 ppm   1000 ppm   150 ppm   150 ppm   150 ppm   150 ppm   150 ppm   150 ppm   1000 ppm   1			50 ppm	
TWA	`	STEL	545 mg/m3	
Sobutane (CAS 75-28-5)   TWA   1900 mg/m3   800 ppm			125 ppm	
Sobutane (CAS 75-28-5)   TWA   1900 mg/m3   800 ppm		TWA	435 mg/m3	
Propane (CAS 74-98-6)			100 ppm	
Propane (CAS 74-98-6)         TWA         1800 mg/m3 1000 ppm           Toluene (CAS 108-88-3)         STEL         560 mg/m3 150 ppm           TWA         375 mg/m3 100 ppm           US. Workplace Environmental Exposure Level (WEEL) Guides Components         Type         Value           N Methyl Pyrrolidone         TWA         40 mg/m3	Isobutane (CAS 75-28-5)	TWA	1900 mg/m3	
Toluene (CAS 108-88-3)  STEL  TWA  TWA  TWA  TWA  STEL  560 mg/m3 150 ppm 375 mg/m3 100 ppm  1000 ppm  Value  TWA  40 mg/m3			800 ppm	
Toluene (CAS 108-88-3)  STEL  TWA  TWA  375 mg/m3 100 ppm  US. Workplace Environmental Exposure Level (WEEL) Guides Components  Type  Value  N Methyl Pyrrolidone  TWA  40 mg/m3	Propane (CAS 74-98-6)	TWA	1800 mg/m3	
TWA 375 mg/m3 100 ppm  US. Workplace Environmental Exposure Level (WEEL) Guides Components Type Value  N Methyl Pyrrolidone TWA 40 mg/m3			1000 ppm	
TWA 375 mg/m3 100 ppm  US. Workplace Environmental Exposure Level (WEEL) Guides Components Type Value  N Methyl Pyrrolidone TWA 40 mg/m3	Toluene (CAS 108-88-3)	STEL	560 mg/m3	
US. Workplace Environmental Exposure Level (WEEL) Guides Components Type Value  N Methyl Pyrrolidone TWA 40 mg/m3			150 ppm	
US. Workplace Environmental Exposure Level (WEEL) Guides Components Type Value  N Methyl Pyrrolidone TWA 40 mg/m3		TWA	375 mg/m3	
ComponentsTypeValueN Methyl PyrrolidoneTWA40 mg/m3			100 ppm	
ComponentsTypeValueN Methyl PyrrolidoneTWA40 mg/m3	US. Workplace Environmental Ex	posure Level (WEEL) Guides		
, ,			Value	
10 ppm	N Methyl Pyrrolidone	TWA	40 mg/m3	
			10 ppm	

## **Biological limit values**

**ACGIH Biological Exposure Indices** 

Components	Value	Determinant	Specimen	Sampling Time
Acetone (CAS 67-64-1)	25 mg/l	Acetone	Urine	*
Ethyl Benzene (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
N Methyl Pyrrolidone	100 mg/l	5-Hydroxy-N-m ethyl-2-pyrrolid one	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	*
Xylene (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*

<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.

controls

Appropriate engineering 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.

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Individual protection measures, such as personal protective equipment

Wear safety glasses with side shields (or goggles). Eye/face protection

Skin protection

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

supplier.

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

Product name: CHOKE & CARB KLEEN SDS US 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
Form
Color
Color
Not available.

Odor threshold
Not available.

Melting point/freezing point

Gas.
Aerosol.
Not available.
Not available.
Not available.
Not available.

Initial boiling point and boiling

range

220.73 °F (104.85 °C) estimated

Flash point -156.0 °F (-104.4 °C) PROPELLANT estimated

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower

2.3 % estimated

(%)

Flammability limit - upper

11.1 % estimated

(%)

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density Not available.

Relative density Not available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperatureNot available.Decomposition temperatureNot available.ViscosityNot available.

Other information

**Explosive properties** Not explosive. **Oxidizing properties** Not oxidizing.

## 10. Stability and reactivity

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

Chemical stabilityPossibility of hazardousMaterial is stable under normal conditions.Hazardous polymerization does not occur.

reactions

Conditions to avoid Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials Strong acids. Acids. Strong oxidizing agents. Nitrates. Halogens. Fluorine. Chlorine.

**Hazardous decomposition** No hazardous decomposition products are known.

products

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## 11. Toxicological information

Information on likely routes of exposure

Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure by Inhalation

inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.

Causes skin irritation. Skin contact

Causes serious eye irritation. Eye contact

Ingestion Expected to be a low ingestion hazard.

Symptoms related to the 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. Skin irritation. May

cause redness and pain.

## Information on toxicological effects

Harmful if inhaled. Narcotic effects. **Acute toxicity** 

Components	Species	Test Results
Acetone (CAS 67-64-1)		
<u>Acute</u>		
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
Inhalation		
LC50	Rat	55700 ppm, 3 Hours
		132 mg/l, 3 Hours
		50.1 mg/l
Oral		<b>C</b>
LD50	Rat	5800 mg/kg
		2.2 ml/kg
Diacetone Alcohol (CAS 123-4	12-2)	S
Acute	·,	
 Dermal		
LD50	Rabbit	14.5 ml/kg, 24 Hours
	Rat	> 1875 mg/kg, 24 Hours
		13500 mg/kg
Oral		
LD50	Rat	3002 mg/kg
Ethyl Benzene (CAS 100-41-4	.)	
<u>Acute</u>		
Dermal		
LD50	Rabbit	17.8 ml/kg, 24 Hours
Inhalation		
LC50	Mouse	> 8000 ppm, 20 Minutes
0	Rat	4000 ppm
<b>Oral</b> LD50	Rat	3500 mg/kg
Isobutane (CAS 75-28-5)	Nai	3300 Hig/kg
Acute		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l

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Components	Species	Test Results
Propane (CAS 74-98-6)		
<u>Acute</u>		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
		658 mg/l/4h
Toluene (CAS 108-88-3)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 5000 mg/kg, 24 Hours
Inhalation		
LC50	Mouse	6405 - 7436 ppm, 6 Hours
		5320 ppm, 8 Hours
	Rat	5879 - 6281 ppm, 6 Hours
		25.7 mg/l, 4 Hours
Oral		
LD50	Rat	> 5000 mg/kg
Xylene (CAS 1330-20-7)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 5000 ml/kg, 4 Hours
		12126 mg/kg, 24 Hours
Inhalation		
LC50	Rat	5922 ppm, 4 Hours
Oral		
LD50	Mouse	5251 mg/kg
	Rat	3523 mg/kg
		10 ml/kg

Skin corrosion/irritation

Causes skin irritation. Serious eye damage/eye

irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

This product is not expected to cause skin sensitization. Skin sensitization

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

mutagenic or genotoxic.

Risk of cancer cannot be excluded with prolonged exposure. Carcinogenicity

IARC Monographs. Overall Evaluation of Carcinogenicity

Ethyl Benzene (CAS 100-41-4) 2B Possibly carcinogenic to humans.

Toluene (CAS 108-88-3) 3 Not classifiable as to carcinogenicity to humans. Xylene (CAS 1330-20-7) 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 Components in this product have been shown to cause birth defects and reproductive disorders in

laboratory animals. May damage fertility or the unborn child.

Specific target organ toxicity - single exposure

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<sup>\*</sup> Estimates for product may be based on additional component data not shown.

Specific target organ toxicity -

repeated exposure

May cause drowsiness and dizziness.

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 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 Crustace	a		
Fish	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
Diacetone Alcohol (CA	S 123-42-2)		
Aquatic	LOFO	Diversity (Longwin magraphicus)	420 mg/L 06 hours
Fish	LC50	Bluegill (Lepomis macrochirus)	420 mg/l, 96 hours
		Fish	420 mg/L, 96 Hours
Ethyl Benzene (CAS 1	00-41-4)		
Aquatic			
Algae	IC50	Algae	4.6 mg/L, 72 Hours
Crustacea	EC50	Daphnia	2.1 mg/L, 48 Hours
		Water flea (Daphnia magna)	1.37 - 4.4 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	7.5 - 11 mg/l, 96 hours
N Methyl Pyrrolidone			
Aquatic			
Algae	IC50	Algae	500.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia	4897 mg/L, 48 Hours
Toluene (CAS 108-88-	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
Xylene (CAS 1330-20-	7)		
Aquatic			
Fish	LC50	Bluegill (Lepomis macrochirus)	7.711 - 9.591 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	-0.24
Diacetone Alcohol	-0.098
Ethyl Benzene	3.15
Isobutane	2.76
N Methyl Pyrrolidone	-0.54
Propane	2.36
Toluene	2.73
Xylene	3.12 - 3.2

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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. Contents

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

with local/regional/national/international regulations.

Dispose in accordance with all applicable regulations. Local disposal regulations

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** 

**UN** number UN1950

**UN proper shipping name** 

Aerosols, flammable, (each not exceeding 1 L capacity)

Transport hazard class(es)

2.1 **Class** Subsidiary risk Label(s) 2.1

**Packing group** Not applicable.

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

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

> This product is exempted under TDG section 1.17 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.

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## 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. Ethyl Benzene (CAS 100-41-4) Listed. Toluene (CAS 108-88-3) Listed. Xylene (CAS 1330-20-7) 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 - Yes Reactivity Hazard - No

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## SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous No

chemical

## **SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt.	
Xylene	1330-20-7	20 - 40	
Ethyl Benzene	100-41-4	2.5 - 10	

## **SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt.	
Toluene	108-88-3	0.1 - 1	

## Other federal regulations

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

Ethyl Benzene (CAS 100-41-4) Toluene (CAS 108-88-3) Xylene (CAS 1330-20-7)

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

Isobutane (CAS 75-28-5) Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA)

Not regulated.

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# 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

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

Acetone (CAS 67-64-1) 35 %WV 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)

Not listed.

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

Acetone (CAS 67-64-1)

Ethyl Benzene (CAS 100-41-4)

Isobutane (CAS 75-28-5)

Toluene (CAS 108-88-3)

Xylene (CAS 1330-20-7)

#### **US. Massachusetts RTK - Substance List**

Acetone (CAS 67-64-1)

Diacetone Alcohol (CAS 123-42-2)

Ethyl Benzene (CAS 100-41-4)

Isobutane (CAS 75-28-5)

Propane (CAS 74-98-6)

Toluene (CAS 108-88-3)

Xylene (CAS 1330-20-7)

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

Acetone (CAS 67-64-1)

Diacetone Alcohol (CAS 123-42-2)

Ethyl Benzene (CAS 100-41-4)

Isobutane (CAS 75-28-5)

Propane (CAS 74-98-6)

Toluene (CAS 108-88-3)

Xylene (CAS 1330-20-7)

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

Acetone (CAS 67-64-1)

Diacetone Alcohol (CAS 123-42-2)

Ethyl Benzene (CAS 100-41-4)

Isobutane (CAS 75-28-5)

Propane (CAS 74-98-6) Toluene (CAS 108-88-3)

Xylene (CAS 1330-20-7)

## **US. Rhode Island RTK**

Acetone (CAS 67-64-1)

Ethyl Benzene (CAS 100-41-4)

Isobutane (CAS 75-28-5)

Propane (CAS 74-98-6)

Toluene (CAS 108-88-3)

Xylene (CAS 1330-20-7)

## **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

Ethyl Benzene (CAS 100-41-4) Listed: June 11, 2004

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

Toluene (CAS 108-88-3) Listed: January 1, 1991

## **International Inventories**

Product name: CHOKE& CARB KLEEN SDS US

Product #: 820 Version #: 01 Issue date: 01-26-2017

Country(s) or region	Inventory name C	n 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
* ^    \ /    : : t t   - t	and a fability and the formula with the formulation or maintain and a desirate and by the consensation	(a)

<sup>\*</sup>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** 01-26-2017

Version # 01

**Guidelines for SDS use:** The product described in this SDS is a consumer product. It is safe for use by consumers as described on the product label under normal, foreseeable conditions. This SDS is designed to provide additional valuable safety and handling information.

#### **Disclaimer**

Product #: 820

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.

Product name: CHOKE& CARB KLEEN SDS US

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