# SAFETY DATA SHEET

#### 1. Identification

**Product identifier** LPS® ZeroTri® (Aerosol)

Other means of identification

**Part Number** 03520, C03520

Recommended use An industrial degreaser designed to remove oil, grease, wax, moisture, dirt or other contaminants

from parts and equipments.

**Recommended restrictions** None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

**ITW Pro Brands** Company name **Address** 4647 Hugh Howell Rd.

Tucker, GA 30084

Country (U.S.A.)

Tel: +1 770-243-8800

In Case of Emergency 1-800-424-9300

1-703-527-3887

Website www.lpslabs.com

E-mail lpssds@itwprobrands.com **Supplier** ITW Permatex Canada

1-35 Brownridge Road Halton Hills, ON, L7G 0C6

Canada

1-800-241-8334

2. Hazard(s) identification

Physical hazards Flammable aerosols Category 1

> Gases under pressure Compressed gas

Health hazards Skin corrosion/irritation Category 2

> Serious eye damage/eye irritation Category 2A

Specific target organ toxicity, single exposure Category 3 narcotic effects

Aspiration hazard Category 1

**Environmental hazards** Not classified.

Label elements

Signal word

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if **Hazard statement** 

swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause

drowsiness or dizziness.

**Precautionary statement** 

Prevention Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated

area. Wear eye protection/face protection. Wear protective gloves.

Material name: LPS® ZeroTri® (Aerosol) SDS CANADA 1/10

IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. IF ON Response

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 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 it before reuse.

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.

Other hazards None known. Supplemental information None known.

#### 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
ACETONE		67-64-1	30 - 40
Heptane, Branched, Cyclic and linear		426260-76-6	30 - 40
METHYLCYCLOHEXANE		108-87-2	20 - 30
CARBON DIOXIDE		124-38-9	1 - 5
PENTYL ACETATE		628-63-7	1 - 5

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

#### 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.

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.

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

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

Not likely, due to the form of the product. Call a physician or poison control center immediately. Ingestion Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content

Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness.

Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing,

doesn't get into the lungs.

Most important symptoms/effects, acute and

delayed

Indication of immediate medical attention and special treatment needed

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

redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

**General information** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 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

General fire hazards

Water fog. Alcohol resistant foam. Dry chemical 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.

In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. 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 Specific methods containers from fire area if you can do so without risk. In the event of fire and/or explosion do not

breathe fumes.

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

Material name: LPS® ZeroTri® (Aerosol)

03520, C03520 Version #: 02 Revision date: 04-19-2017 Issue date: 03-03-2017

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Emergency personnel need self-contained breathing equipment. 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. 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. Prevent entry into waterways, sewer, basements or confined areas. 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 release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

Precautions for safe handling

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. Avoid breathing gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. 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. Stored containers should be periodically checked for general condition and leakage. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

#### Occupational exposure limits

US. ACGIH	Threshold	Limit \	Values
-----------	-----------	---------	--------

Components	Туре	Value	
ACETONE (CAS 67-64-1)	STEL	500 ppm	
	TWA	250 ppm	
CARBON DIOXIDE (CAS 124-38-9)	STEL	30000 ppm	
·	TWA	5000 ppm	
METHYLCYCLOHEXANE (CAS 108-87-2)	TWA	400 ppm	
PENTYL ACETATE (CAS 628-63-7)	STEL	100 ppm	
	TWA	50 ppm	

# Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Туре	Value	
ACETONE (CAS 67-64-1)	STEL	1800 mg/m3	
		750 ppm	
	TWA	1200 mg/m3	
		500 ppm	
CARBON DIOXIDE (CAS 124-38-9)	STEL	54000 mg/m3	
,		30000 ppm	
	TWA	9000 mg/m3	

Components	Туре	Value
		5000 ppm
METHYLCYCLOHEXANE	TWA	1610 mg/m3
(CAS 108-87-2)		400
DENTY AGETATE (OAG	OTEL	400 ppm
PENTYL ACETATE (CAS	STEL	532 mg/m3
528-63-7)		100 ppm
	TWA	266 mg/m3
	IVVA	50 ppm
		• •
		s for Chemical Substances, Occupational Health and
Safety Regulation 296/97, as ame		Value
Components	Туре	Value
ACETONE (CAS 67-64-1)	STEL	500 ppm
	TWA	250 ppm
CARBON DIOXIDE (CAS	STEL	15000 ppm
124-38-9)	_,,,,,	
	TWA	5000 ppm
METHYLCYCLOHEXANE	TWA	400 ppm
(CAS 108-87-2)	OTE!	100
PENTYL ACETATE (CAS 628-63-7)	STEL	100 ppm
J2U-UJ-1)	TWA	50 ppm
		• •
Canada. Manitoba OELs (Reg. 21 <sup>-</sup>	•	· · · · · · · · · · · · · · · · · · ·
Components	Туре	Value
ACETONE (CAS 67-64-1)	STEL	500 ppm
	TWA	250 ppm
CARBON DIOXIDE (CAS 124-38-9)	STEL	30000 ppm
,	TWA	5000 ppm
METHYLCYCLOHEXANE	TWA	400 ppm
(CAS 108-87-2)		
PENTYL ACETATE (CAS	STEL	100 ppm
628-63-7)		
	TWA	50 ppm
Canada. Ontario OELs. (Control o		hemical Agents)
Components	Туре	Value
ACETONE (CAS 67-64-1)	STEL	750 ppm
(	TWA	500 ppm
		·
CARBON DIOXIDE (CAS	STEL	30000 ppm
	STEL	30000 ppm
	STEL TWA	30000 ppm 5000 ppm
124-38-9)		
124-38-9) METHYLCYCLOHEXANE (CAS 108-87-2)	TWA TWA	5000 ppm 400 ppm
CARBON DIOXIDE (CAS 124-38-9) METHYLCYCLOHEXANE (CAS 108-87-2) PENTYL ACETATE (CAS 628-63-7)	TWA TWA STEL	5000 ppm 400 ppm 100 ppm
METHYLCYCLOHEXANE (CAS 108-87-2) PENTYL ACETATE (CAS 628-63-7)	TWA TWA STEL TWA	5000 ppm 400 ppm 100 ppm 50 ppm
124-38-9) METHYLCYCLOHEXANE (CAS 108-87-2) PENTYL ACETATE (CAS 628-63-7)  Canada. Quebec OELs. (Ministry	TWA TWA STEL TWA	5000 ppm 400 ppm 100 ppm
124-38-9) METHYLCYCLOHEXANE (CAS 108-87-2) PENTYL ACETATE (CAS 628-63-7)  Canada. Quebec OELs. (Ministry	TWA TWA STEL TWA of Labor - Regulation Respect Type	5000 ppm 400 ppm 100 ppm 50 ppm ting the Quality of the Work Environment) Value
124-38-9) METHYLCYCLOHEXANE (CAS 108-87-2) PENTYL ACETATE (CAS 628-63-7)  Canada. Quebec OELs. (Ministry	TWA TWA STEL TWA of Labor - Regulation Respect	5000 ppm 400 ppm 100 ppm 50 ppm ting the Quality of the Work Environment) Value 2380 mg/m3
124-38-9) METHYLCYCLOHEXANE (CAS 108-87-2) PENTYL ACETATE (CAS 628-63-7)	TWA TWA STEL TWA of Labor - Regulation Respect Type STEL	5000 ppm 400 ppm  100 ppm  50 ppm  ting the Quality of the Work Environment) Value  2380 mg/m3 1000 ppm
124-38-9) METHYLCYCLOHEXANE (CAS 108-87-2) PENTYL ACETATE (CAS 628-63-7)  Canada. Quebec OELs. (Ministry	TWA TWA STEL TWA of Labor - Regulation Respect Type	5000 ppm 400 ppm  100 ppm  50 ppm  ting the Quality of the Work Environment) Value  2380 mg/m3 1000 ppm 1190 mg/m3
METHYLCYCLOHEXANE (CAS 108-87-2) PENTYL ACETATE (CAS 628-63-7)  Canada. Quebec OELs. (Ministry Components  ACETONE (CAS 67-64-1)	TWA TWA STEL TWA of Labor - Regulation Respect Type STEL TWA	5000 ppm 400 ppm  100 ppm  50 ppm  ting the Quality of the Work Environment) Value  2380 mg/m3 1000 ppm 1190 mg/m3 500 ppm
METHYLCYCLOHEXANE (CAS 108-87-2) PENTYL ACETATE (CAS 628-63-7)  Canada. Quebec OELs. (Ministry Components  ACETONE (CAS 67-64-1)	TWA TWA STEL TWA of Labor - Regulation Respect Type STEL	5000 ppm 400 ppm  100 ppm  50 ppm  ting the Quality of the Work Environment) Value  2380 mg/m3 1000 ppm 1190 mg/m3
124-38-9) METHYLCYCLOHEXANE (CAS 108-87-2) PENTYL ACETATE (CAS 628-63-7)  Canada. Quebec OELs. (Ministry	TWA TWA STEL TWA of Labor - Regulation Respect Type STEL TWA	5000 ppm 400 ppm  100 ppm  50 ppm  ting the Quality of the Work Environment) Value  2380 mg/m3 1000 ppm 1190 mg/m3 500 ppm
METHYLCYCLOHEXANE (CAS 108-87-2) PENTYL ACETATE (CAS 628-63-7)  Canada. Quebec OELs. (Ministry Components  ACETONE (CAS 67-64-1)	TWA TWA STEL TWA of Labor - Regulation Respect Type STEL TWA	5000 ppm 400 ppm  100 ppm  50 ppm  ting the Quality of the Work Environment) Value  2380 mg/m3 1000 ppm 1190 mg/m3 500 ppm 54000 mg/m3

#### Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) Components Value Type **METHYLCYCLOHEXANE** TWA 1610 mg/m3 (CAS 108-87-2) 400 ppm PENTYL ACETATE (CAS **STEL** 532 mg/m3 628-63-7) 100 ppm **TWA** 266 mg/m3 50 ppm

#### **Biological limit values**

<b>ACGIH Biological Ex</b>	xposure Indices
----------------------------	-----------------

Components	Value	Determinant	Specimen	Sampling Time
ACETONE (CAS 67-64-1)	25 mg/l	Acetone	Urine	*

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

Appropriate engineering controls

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

#### Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles). Eye wash fountain is recommended.

Skin protection

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

supplier.

Other Wear appropriate chemical resistant clothing.

**Respiratory protection** Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release,

exposure levels are not known, or any other circumstances where air-purifying respirators may not

provide adequate protection.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

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
Color
Colorless. Clear.
Colorless. Clear.
Ether-like. Fruity.

Odor threshold
PH
Not established
Not applicable
Melting point/freezing point
Initial boiling point and boiling
Not established
> 132.8 °F (> 56 °C)

range

Flash point 1.4 °F (-17.0 °C) Tag Closed Cup

Evaporation rate > 1 (BuAc = 1)
Flammability (solid, gas) Flammable gas.

Upper/lower flammability or explosive limits

Flammability limit - lower

1.2 %

(%)

Flammability limit - upper 12.8 %

(%)

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

> 75 mm Hg @ 20°C Vapor pressure

 $\sim 3 \text{ (air} = 1)$ Vapor density Not available. Relative density

Solubility(ies)

35 % w/w Solubility (water) Not available. Partition coefficient

(n-octanol/water)

Not established **Auto-ignition temperature Decomposition temperature** Not established **Viscosity** Not established

Other information

Not explosive. **Explosive properties** Heat of combustion > 30 kJ/gNot oxidizing. Oxidizing properties

Percent volatile 100 %

0.74 - 0.76 @ 20°C Specific gravity

VOC 62.4 % per U.S. State and Federal Consumer Product Regulations

## 10. Stability and reactivity

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

Material is stable under normal conditions. Chemical stability Possibility of hazardous Hazardous polymerization does not occur.

reactions

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

Incompatible materials Acids. Strong oxidizing agents.

Hazardous decomposition

products

Carbon oxides.

## 11. Toxicological information

#### Information on likely routes of exposure

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be Inhalation

harmful.

Skin contact Causes skin irritation. Eye contact Causes serious eye irritation.

Ingestion Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious

chemical pneumonia.

Symptoms related to the physical, chemical and toxicological characteristics Aspiration may cause pulmonary edema and pneumonitis. 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

**Acute toxicity** May be fatal if swallowed and enters airways. Narcotic effects.

**Test Results** Components **Species** 

METHYLCYCLOHEXANE (CAS 108-87-2)

**Acute Dermal** 

LD50 Rabbit > 2000 mg/kg, 24 Hours

Skin corrosion/irritation Causes skin irritation. Serious eye damage/eye

irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Canada - Alberta OELs: Irritant

PENTYL ACETATE (CAS 628-63-7) Irritant

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 This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**ACGIH Carcinogens** 

ACETONE (CAS 67-64-1)

A4 Not classifiable as a human carcinogen.

Canada - Manitoba OELs: carcinogenicity

ACETONE (CAS 67-64-1)

Not classifiable as a human carcinogen.

Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity -

single exposure

May cause drowsiness and dizziness.

Specific target organ toxicity -

repeated exposure

**Aspiration hazard** May be fatal if swallowed and enters airways.

Not classified.

**Chronic effects** Prolonged inhalation may be harmful.

**Further information** Symptoms may be delayed.

## 12. Ecological information

**Ecotoxicity** Very toxic to aquatic life with long lasting effects.

Components		Species	Test Results
ACETONE (CAS 67-6	64-1)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	10294 - 17704 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
METHYLCYCLOHEX	ANE (CAS 108-87-2	2)	
Aquatic			
Fish	LC50	Striped bass (Morone saxatilis)	5.8 mg/l, 96 hours
PENTYL ACETATE (0	CAS 628-63-7)		
Aquatic			
Fish	LC50	Western mosquitofish (Gambusia at	finis) 65 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
METHYLCYCLOHEXANE 3.61
PENTYL ACETATE 2.3

Mobility in soilNo data available.Other adverse effectsNone known.

## 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. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international

regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

Hazardous waste code

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

disposal company.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

03520, C03520 Version #: 02 Revision date: 04-19-2017 Issue date: 03-03-2017

#### 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

**TDG** 

UN number UN1950

UN proper shipping name Transport hazard class(es) AEROSOLS, flammable (Heptane), MARINE POLLUTANT

Class 2.1 Subsidiary risk -

Packing group Not available.

Environmental hazards Yes

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

IATA

UN number UN1950

**UN proper shipping name** Aerosols, flammable (Heptane)

Transport hazard class(es)

Class 2.1 Subsidiary risk -

Packing group Not available.

**Environmental hazards** Yes **ERG Code** 10L

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

Other information

Passenger and cargo

aircraft

Allowed with restrictions.

Cargo aircraft only Allowed with restrictions.

2.1

Not available.

IMDG

UN number UN1950

**UN proper shipping name** AEROSOLS, Flammable (Heptane), MARINE POLLUTANT

Transport hazard class(es)
Class

Subsidiary risk - Label(s) 2.1

Packing group Not available.

**Environmental hazards** 

Marine pollutant Yes EmS F-D, S-U

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





#### Marine pollutant



#### **General information**

IMDG Regulated Marine Pollutant. Avoid transport on vehicles where the load space is not separated from the driver's compartment. Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency. Before transporting product containers: Ensure that containers are firmly secured. Ensure cylinder valve is closed and not leaking. Ensure valve outlet cap nut or plug (where provided) is correctly fitted. Ensure valve protection device (where provided) is correctly fitted. Ensure adequate ventilation. Ensure compliance with applicable regulations.

## 15. Regulatory information

#### Canadian regulations

**Controlled Drugs and Substances Act** 

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

**Greenhouse Gases** 

CARBON DIOXIDE (CAS 124-38-9)

Ontario. Toxic Substances. Toxic Reduction Act, 2009. Regulation 455/09 (July 1, 2011)

ACETONE (CAS 67-64-1)

**Precursor Control Regulations** 

ACETONE (CAS 67-64-1) Class B

#### International regulations

**Stockholm Convention** 

Not applicable.

**Rotterdam Convention** 

Not applicable.

**Kyoto protocol** 

CARBON DIOXIDE (CAS 124-38-9) Listed.

**Montreal Protocol** 

Not applicable.

## **Basel Convention**

Not applicable.

#### **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)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes

Country(s) or region Inventory name On inventory (yes/no)\*

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

\*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

 Issue date
 03-03-2017

 Revision date
 04-19-2017

Version # 02

**Disclaimer** ITW Pro Brands cannot anticipate all conditions under which this information and its product, or

the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. 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.

**Revision information** Product and Company Identification: Alternate Trade Names

Hazard(s) identification: Supplemental information

Composition / Information on Ingredients: Disclosure Overrides

GHS: Classification