

# **SAFETY DATA SHEET**

#### 1. Identification

Product identifier Instant Out Aerosol

Other means of identification

Product Code 126419

**Recommended use**Carpet Cleaner **Recommended restrictions**None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company nameMalco Products, Inc.Address361 Fairview Ave

Barberton, OH 44203

United States

 Telephone
 Phone
 800-253-2526

 Fax
 330-753-2025

Fax 330www.malcopro.com

Website www.malcopro.com
E-mail msdsinfo@malcopro.com
Tachnical Department

Contact person Technical Department

Emergency phone number Phone

Supplier Not available.

2. Hazard(s) identification

Physical hazardsFlammable aerosolsCategory 1Health hazardsSkin corrosion/irritationCategory 2Serious eye damage/eye irritationCategory 2

Not classified.

**Environmental hazards** 

Label elements



Signal word Danger

Hazard statement Extremely flammable gas. Extremely flammable aerosol. Pressurized container: May burst if

1-800-424-9300

heated. Pressurized container: May burst if heated. Contains gas under pressure; may explode if heated. Harmful if swallowed, in contact with skin or if inhaled. Harmful if in contact with skin.

**Distributor in New Zealand:** 

New Zealand

Phone: 09 25000 91

Email: sales@pacer.co.nz

24hr Emergency Assistance in New Zealand

National Poison Control Center: 0800 Poison [764 766]

Web: www.pacer.co.nz

Pacer - Car Clean Products NZ Ltd

33 Ha Crescent, Wiri, Auckland 2104

Causes skin irritation. Causes serious eye irritation.

Precautionary statement Prevention

Keep away from heat/sparks/open flames/hot surfaces. No smoking. 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. Pressurized container: Do not pierce or burn, even after use. Do not pierce or burn, even after use. Avoid breathing vapors. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Do not eat, drink, or smoke when using this product. Use only outdoors or in a well-ventilated area. Use only outdoors or in a well ventilated area. Wear eye protection/face protection. Wear protective gloves/protective clothing.

Material name: Instant Out Aerosol

Response

If swallowed: Rinse mouth. Do NOT induce vomiting. IF SWALLOWED: Rinse mouth. Obtain medical assistance if you feel unwell. IF ON SKIN: Rinse with plenty of water. Get medical attention if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical assistance if you feel unwell. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Specific treatment (see this label). If skin irritation occurs, obtain medical attention. 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. Leaking gas fire: Do not extinguish, unless leak can be stopped safely. Eliminate all ignition sources if safe to do so.

Storage

Protect from sunlight. Store in a well ventilated place. Protect from sunlight. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal

Dispose of contents/container (in accordance with related regulations).

Other hazards

Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

**Supplemental information** 

% of the mixture consists of component(s) of unknown acute oral toxicity. % of the mixture consists of component(s) of unknown acute dermal toxicity.

# 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Diethylene Glycol Monobutyl Ether		112-34-5	9
Ethylene Glycol Monobutyl Ether		111-76-2	9
Butane		106-97-8	4
Other components below reportable	levels		78

CLP: Regulation No. 1272/2008. DSD: Directive 67/548/EEC.

M: M-factor

vPvB: very persistent and very bioaccumulative substance.

PBT: persistent, bioaccumulative and toxic substance.

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret. #: This substance has been assigned Community workplace exposure limit(s).

#### **Composition comments**

The full text for all R- and H-phrases is displayed in section 16.

#### 4. First-aid measures

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Move to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician or poison control center immediately. Get medical attention immediately. Call a POISON CENTER or doctor/physician if you feel unwell. Call a physician if symptoms develop or persist.

Skin contact

No adverse effects due to skin contact are expected. Take off immediately all contaminated clothing. Remove contaminated clothing. Remove and isolate contaminated clothing and shoes. Immediately flush skin with plenty of water. Wash with plenty of soap and water. Call a physician or poison control center immediately. Get medical attention immediately. Get medical advice/attention if you feel unwell. Get medical attention if irritation develops and persists. If skin irritation occurs: Get medical advice/attention. For minor skin contact, avoid spreading material on unaffected skin. Wash contaminated clothing before reuse. Wash clothing separately before reuse.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately. Call a physician or poison control center immediately. Get medical attention if irritation develops and persists. No specific first aid measures noted.

Material name: Instant Out Aerosol

## Ingestion

Not likely, due to the form of the product. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. If swallowed, seek medical advice immediately and show this container or label. Rinse mouth. Rinse mouth thoroughly. Never give anything by mouth to a victim who is unconscious or is having convulsions. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical advice/attention if you feel unwell.

Most important symptoms/effects, acute and delayed

Irritant effects. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

Indication of immediate medical attention and special treatment needed

**General information** 

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

Take off contaminated clothing and shoes immediately. In case of shortness of breath, give oxygen. Immediate medical attention is required. 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. Keep victim under observation. Keep victim warm.

## 5. Fire-fighting measures

Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire. Do not use a solid water stream as it may scatter and spread fire. None known.

Specific hazards arising from the chemical

Contents under pressure. Pressurized container may explode when exposed to heat or flame. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. Fire may produce irritating, corrosive and/or toxic gases. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Firefighters should wear full protective clothing including self contained breathing apparatus. Structural firefighters protective clothing will only provide limited protection.

Fire fighting equipment/instructions

In case of fire and/or explosion do not breathe fumes. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED. In case of fire: Stop leak if safe to do so. Use standard firefighting procedures and consider the hazards of other involved materials. Do not move cargo or vehicle if cargo has been exposed to heat. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also consider initial evacuation for 800 meters (1/2 mile) in all directions. ALWAYS stay away from tanks engulfed in flame. Move containers from fire area if you can do so without risk. Do not direct water at source of leak or safety devices as icing may occur. Containers should be cooled with water to prevent vapor pressure build up. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. Some of these materials, if spilled, may evaporate leaving a flammable residue.

Specific methods

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. Self-contained breathing apparatus and full protective clothing must be worn in case of fire. In the event of fire and/or explosion do not breathe fumes.

**General fire hazards** 

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

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Consider initial downwind evacuation for at least 500 meters (1/3 mile). Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep upwind. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). 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 inhalation of vapors and spray mists. Emergency personnel need self-contained breathing equipment. Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained.

# Methods and materials for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Isolate area until gas has dispersed.

Large Spills: Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. If possible, turn leaking containers so that gas escapes rather than liquid. Use water spray to reduce vapors or divert vapor cloud drift. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Absorb in vermiculite, dry sand or earth and place into containers. Scoop up used absorbent into drums or other appropriate container. 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.

Never return spills to original containers for re-use.

#### **Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Contact local authorities in case of spillage to drain/aquatic environment. Use appropriate containment to avoid environmental contamination.

Material name: Instant Out Aerosol SDS CANADA

### 7. Handling and storage

#### Precautions for safe handling

Vapors may form explosive mixtures with air. May be ignited by open flame. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. 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. Ground and bond containers when transferring material. These alone may be insufficient to remove static electricity. Close valve after each use and when empty. Protect cylinders from physical damage; do not drag, roll, slide, or drop. When moving cylinders, even for short distances, use a cart (trolley, hand truck, etc.) designed to transport cylinders. Suck back of water into the container must be prevented. Do not allow backfeed into the container. Purge air from system before introducing gas. Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Contact your gas supplier if in doubt. Do not re-use empty containers. Do not breathe dust/fume/gas/mist/vapors/spray. Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Do not get this material in contact with eyes. Do not get this material in contact with skin. Avoid inhalation of vapors and spray mists. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Do not get this material on clothing. Do not taste or swallow. When using, do not eat, drink or smoke. When using do not eat or drink. Use only outdoors or in a well-ventilated area. Use only in well-ventilated areas. Use only in area provided with appropriate exhaust ventilation. Do not use in areas without adequate ventilation. Wear appropriate personal protective equipment. Wear personal protective equipment. Wash hands thoroughly after handling. Wash thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.

For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

# Conditions for safe storage, including any incompatibilities

CAUTION Level 1 Aerosol.

Keep locked up. Store locked up. Contents under pressure. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. The pressure in sealed containers can increase under the influence of heat. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Keep away from heat, sparks and open flame. This material can accumulate static charge which may cause spark and become an ignition source. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Cylinders should be stored upright, with valve protection cap in place, and firmly secured to prevent falling or being knocked over. Stored containers should be periodically checked for general condition and leakage. Store in original tightly closed container. Store in a well-ventilated place. Keep away from food, drink and animal feedingstuffs. Keep out of the reach of children. Keep in an area equipped with sprinklers.

#### 8. Exposure controls/personal protection

#### Occupational exposure limits

LIS	<b>ACGIH</b>	<b>Threshold</b>	I imit	Values
UJ.	ACGIN	1111 <del>6</del> 311010	LIIIII	vaiues

Components	Туре	Value	Form
Butane (CAS 106-97-8)	STEL	1000 ppm	
Diethylene Glycol Monobutyl Ether (CAS 112-34-5)	TWA	10 ppm	Inhalable fraction and vapor.
Ethylene Glycol Monobutyl Ether (CAS 111-76-2)	TWA	20 ppm	
Canada. Alberta OELs (Occupatio	nal Health & Safety Code, Sc	hedule 1, Table 2)	
Components	Туре	Value	
Butane (CAS 106-97-8)	TWA	1000 ppm	

Components		Туре		\	/alue	
Ethylene Glycol Monobutyl Ether (CAS 111-76-2)		TWA		g	97 mg/m3	
				2	0 ppm	
Canada. British Columbia C Safety Regulation 296/97, a	•	ional I	Exposure Limits f	or Chemical S	Substances, Od	ccupational Health and
Components	,	Туре		\	/alue	
Butane (CAS 106-97-8)		STEL		7	'50 ppm	
,		TWA			600 ppm	
Ethylene Glycol Monobutyl Ether (CAS 111-76-2)		TWA		2	20 ppm	
Canada. Manitoba OELs (Re	eg. 217/2006, Tł		-			_
Components		Type		\	/alue	Form
Butane (CAS 106-97-8)		STEL		1	000 ppm	
Diethylene Glycol Monobutyl Ether (CAS 112-34-5)		TWA		1	0 ppm	Inhalable fraction and vapor.
Ethylene Glycol Monobutyl Ether (CAS 111-76-2)		TWA		2	20 ppm	
Canada. Ontario OELs. (Co Components	ntrol of Exposu	re to l Type	Biological or Che	• •	/alue	Form
Butane (CAS 106-97-8)		TWA		3	00 ppm	
Diethylene Glycol Monobutyl Ether (CAS 112-34-5)		TWA		1	0 ppm	Inhalable fraction and vapor.
Ethylene Glycol Monobutyl Ether (CAS 111-76-2)		TWA		2	0 ppm	
Canada. Quebec OELs. (Min	nistry of Labor	- Regu	lation respecting	occupationa	health and sa	fety)
Components		Type		\	/alue	
Butane (CAS 106-97-8)		TWA			900 mg/m3	
Ethylene Glycol Monobutyl		TWA			300 ppm 97 mg/m3	
Ether (CAS 111-76-2)		IVVA			?0 ppm	
logical limit values						
ACGIH Biological Exposure	Indices					
Components	/alue		Determinant	Specimen	Sampling	Time
Ethylene Glycol Monobutyl 2 Ether (CAS 111-76-2)	200 mg/g		Butoxyacetic acid (BAA), with hydrolysis	Creatinine i urine	n *	
* - For sampling details, pleas	se see the sourc	e docu	iment.			
propriate engineering trols	should be ma or other engin exposure limit adequate ven	tched eering s have tilation	to conditions. If app controls to mainta not been establis	olicable, use pi in airborne lev hed, maintain a ined areas. Ge	rocess enclosur els below recon airborne levels t eneral ventilatio	e used. Ventilation rates res, local exhaust ventilation mended exposure limits to an acceptable level. En normally adequate. Eyeling this product.
vidual protection measures	, such as perso	nal pr	otective equipme	nt		
Eye/face protection			afety glasses with fountain is recom	`	r goggles). Do ı	not get in eyes. Avoid cor
Skin protection						
Hand protection			•	oves. Wear pr	otective gloves.	Suitable gloves can be
•	recommended	d by th	e glove supplier.			

chemical resistant clothing. Wear chemical protective equipment that is specifically recommended by the manufacturer. Use of an impervious apron is recommended. It may provide little or no

thermal protection.

In case of insufficient ventilation, wear suitable respiratory equipment. Use a positive-pressure Respiratory protection

> 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. If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator. Chemical respirator with organic vapor cartridge.

Wear appropriate thermal protective clothing, when necessary. Thermal hazards

General hygiene considerations

When using, do not eat, drink or smoke. When using do not smoke. Keep away from food and drink. 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

Aerosol. **Appearance** Physical state Liquid.

> **Form** Aerosol. Compressed gas. Compressed liquefied gas.

Color Colorless Odor Solvent. **Odor threshold** Not available.

12 pН

Not available. Melting point/freezing point

Initial boiling point and boiling

range

294.72 °F (145.96 °C) estimated

-156.0 °F (-104.4 °C) Flash point -155.9 °F (-104.4 °C)

**Evaporation rate** Not available.

Flammable gas. Not applicable. Flammability (solid, gas)

Upper/lower flammability or explosive limits

Flammability limit - lower

2.1 % estimated

(%)

Flammability limit - upper

8.8 % estimated

(%)

Not available. Explosive limit - lower (%) Not available. Explosive limit - upper (%) Not available. Vapor pressure Not available. Vapor density Not available. Relative density

Solubility(ies)

Solubility (water) Not available. **Partition coefficient** Not available.

(n-octanol/water)

**Auto-ignition temperature** 500.23 °F (260.13 °C) estimated

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

Other information

Density 0.94 g/cm<sup>3</sup> Not explosive. **Explosive properties** 

Flammability class Flammable IB estimated **Heat of combustion (NFPA** 8.25 kJ/g estimated

30B)

Oxidizing properties Not oxidizing. VOC 14.8 %

## 10. Stability and reactivity

Reactivity Reacts violently with strong acids. This product may react with oxidizing agents.

Risk of explosion. Risk of ignition. Material is stable under normal conditions. Chemical stability

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use. Hazardous polymerization does not

occur.

Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources. Heat, flames and sparks. Avoid temperatures exceeding the flash point. Do not mix with other chemicals. Contact with

incompatible materials.

Incompatible materials

**Hazardous decomposition** 

products

Acids. Strong oxidizing agents. Oxidizing agents. Do not mix with other chemicals.

No hazardous decomposition products are known.

## 11. Toxicological information

#### Information on likely routes of exposure

Inhalation Harmful by inhalation. Harmful if inhaled.

Skin contact Corrosive effects. Harmful in contact with skin. Irritating to skin. Causes skin irritation.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and

prolonged. These effects have not been observed in humans.

Eye contact Causes serious eye irritation. Irritating to eyes.

Ingestion Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation. Skin irritation. May cause redness

and pain.

#### Information on toxicological effects

**Acute toxicity** 

In high concentrations, vapors are anesthetic and may cause headache, fatigue, dizziness and central nervous system effects. Causes burns. Harmful if inhaled. Harmful in contact with skin.

Harmful if swallowed.

Components **Test Results Species** 

Diethylene Glycol Monobutyl Ether (CAS 112-34-5)

<u>Acute</u> **Dermal** 

LD50 Rabbit 2700 mg/kg

Oral

LD50 Rat 4500 mg/kg

Ethylene Glycol Monobutyl Ether (CAS 111-76-2)

**Acute Dermal** 

LD50 Rabbit 400 mg/kg

Oral

LD50 Rat 560 mg/kg

Skin corrosion/irritation Corrosive effects. Causes skin irritation. Irritating to skin.

Serious eye damage/eye

irritation

Causes serious eye irritation. Irritating to eyes.

#### Respiratory or skin sensitization

## Canada - Alberta OELs: Irritant

**Irritant** Ethylene Glycol Monobutyl Ether (CAS 111-76-2)

Due to partial or complete lack of data the classification is not possible. Not a respiratory Respiratory sensitization

sensitizer.

None known. This product is not expected to cause skin sensitization. Due to partial or complete Skin sensitization

lack of data the classification is not possible.

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

mutagenic or genotoxic. Due to partial or complete lack of data the classification is not possible.

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

#### Carcinogenicity

Hazardous by WHMIS criteria. Cancer hazard. This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Not classifiable as to carcinogenicity to humans. Due to partial or complete lack of data the classification is not possible.

#### **ACGIH Carcinogens**

Ethylene Glycol Monobutyl Ether (CAS 111-76-2)

A3 Confirmed animal carcinogen with unknown relevance to

humans.

Canada - Manitoba OELs: carcinogenicity

Ethylene Glycol Monobutyl Ether (CAS 111-76-2)

Confirmed animal carcinogen with unknown relevance to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

Ethylene Glycol Monobutyl Ether (CAS 111-76-2)

3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity

partial or complete lack of data the classification is not possible.

Specific target organ toxicity single exposure

Due to partial or complete lack of data the classification is not possible. Not classified.

Specific target organ toxicity -

Not classified. Due to partial or complete lack of data the classification is not possible.

repeated exposure

**Chronic effects** 

**Aspiration hazard** 

Due to partial or complete lack of data the classification is not possible. Not an aspiration hazard. Hazardous by OSHA criteria. Hazardous by WHMIS criteria. May be harmful if absorbed through

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

skin. Prolonged inhalation may be harmful.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and

prolonged. These effects have not been observed in humans.

Repeated absorption may cause disorder of central nervous system, liver, kidneys and blood.

Prolonged exposure may cause chronic effects.

**Further information** 

Symptoms may be delayed.

#### 12. Ecological information

**Ecotoxicity** 

Contains a substance which causes risk of hazardous effects to the environment. Not expected to be harmful to aquatic organisms. 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
Components	Species	i est Resu

Diethylene Glycol Monobutyl Ether (CAS 112-34-5)

Aquatic

Fish LC50 Bluegill (Lepomis macrochirus) 1300 mg/l, 96 hours

Ethylene Glycol Monobutyl Ether (CAS 111-76-2)

Aquatic

Fish LC50 Inland silverside (Menidia beryllina) 1250 mg/l, 96 hours

Persistence and degradability No data is available on the degradability of this product.

**Bioaccumulative potential** No data available. Partition coefficient n-octanol / water (log Kow)

Butane 2.89 Diethylene Glycol Monobutyl Ether 0.56 Ethylene Glycol Monobutyl Ether 0.83

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.

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

#### 13. Disposal considerations

**Disposal instructions** 

Contract with a disposal operator licensed by the Law on Disposal and Cleaning. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. This material and its container must be disposed of as hazardous waste. Incinerate the material under controlled conditions in an approved incinerator. Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with

local/regional/national/international regulations. Dispose in accordance with all applicable regulations. Dispose of contents/container (in accordance with related regulations). When your own wastewater treatment plant is not available, collect entire waste and then charge to a licensed

industrial waste management professional with manifests for industrial waste.

Local disposal regulations

Hazardous waste code

Dispose in accordance with all applicable regulations. D001: Waste Flammable material with a flash point <140 F

D002: Waste Corrosive material [pH <=2 or =>12.5, or corrosive to steel]

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). Avoid discharge into water courses or onto the ground.

Since emptied containers may retain product residue, follow label warnings even after container is Contaminated packaging 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** 

UN1950 **UN** number

**UN** proper shipping name AEROSOLS, flammable

Transport hazard class(es)

**Class** 2.1 **Subsidiary risk** 

Not available. Packing group

**Environmental hazards** 

**Special precautions for user** Not available.

**IATA** 

**UN** number UN1950

**UN proper shipping name** Transport hazard class(es) Aerosols, flammable

2.1 Class **Subsidiary risk** 

Packing group Not available.

**Environmental hazards** No. **ERG Code** 10L

**Special precautions for user** Not available.

Other information

Passenger and cargo

aircraft

Allowed with restrictions.

Cargo aircraft only

Allowed with restrictions.

**IMDG** 

UN1950 **UN** number

**UN proper shipping name** Transport hazard class(es) AEROSOLS, FLAMMABLE

**Class** 2.1 **Subsidiary risk** 

Packing group

**Environmental hazards** 

Not available.

Marine pollutant

No.

Not available. **EmS** Special precautions for user Not available. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not established.

IATA; IMDG; TDG



**General information** 

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** 

This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

> **NEW ZEALAND:** Class 2.1.2A

Class 6.3B

Class 6.4A

HSR002515

Flammable Aerosol

Aerosols (Flammable)

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Skin Irritant

Eye Irritant

**Controlled Drugs and Substances Act** 

Not regulated.

**Export Control List (CEPA 1999, Schedule 3)** 

Not listed.

**Greenhouse Gases** 

Not listed.

**Precursor Control Regulations** 

Not regulated.

International regulations

The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006. Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work. Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

**Stockholm Convention** 

Not applicable.

**Rotterdam Convention** 

Not applicable.

**Kyoto protocol** 

Not applicable.

**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)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes

Material name: Instant Out Aerosol SDS CANADA

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	ea Existing Chemicals List (ECL)	
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Toxic Chemical Substances (TCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
•	nents of this product comply with the inventory requirements administered by the governing components of the product are not listed or exempt from listing on the inventory administer.	3 ( )

## 16. Other information

country(s).

Country(s) or region

12-08-2021 Issue date **Revision date** 12-08-2021

Version # 80

HMIS® is a registered trade and service mark of the NPCA. **Further information** 

Inventory name

SDS CANADA Material name: Instant Out Aerosol

On inventory (yes/no)\*

#### References

**ACGIH** 

ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

EPA: AQUIRE database

HSDB® - Hazardous Substances Data Bank

IARC Monographs. Overall Evaluation of Carcinogenicity

National Toxicology Program (NTP) Report on Carcinogens

NLM: Hazardous Substances Data Base

US. IARC Monographs on Occupational Exposures to Chemical Agents

Korea. Accidental Release Prevention Substances (Presidential Decree of Toxic Chemical Control Law, Executive Order No. 19203)

Korea. Dangerous Substances Threshold Quantity (Presidential Decree of Dangerous Substances Safety Management Act No. 18406, Schedule 1)

Korea. Harmful Substances Prohibited from Manufacturing (Presidential Decree on the Industrial Safety and Health Act (No. 13053), Article 29)

Korea. Harmful Substances Requiring Permission for Manufacture or Use (Presidential Decree on the Industrial Safety and Health Act (No. 13053), Article 30)

Korea. Non-Toxic Chemicals List (National Institute of Environment Research (NIER) Public Notice No. 1997-10, as amended)

Korea. Observational Chemicals (Ministerial Decree of TCCL Article 6)

Korea. OELs. Regulation for Permitted Concentration of Hazardous Substances (Ministry of Labor (MOL) Public Notice No. 1986-45, as amended)

Korea. Prohibited Chemical Substances (TCCL Article 11)

Korea. Regulated volatile organic compounds (VOCs) (MÓE Notice No. 2001-36, March 8, 2001, as amended)

Korea. Restricted Chemical Substances (TCCL Article 11)

Korea. Toxic Chemical Control Law (TCCL), Existing Chemicals Inventory (KECI)

Korea. Toxic Chemical Control Law (TCCL), pre-1997 List

Korea. Toxic Chemicals (TCCL Article 10)

Korea. Toxic Release Inventory (TRI) Chemicals (TCCL Article 14)

Taiwan. Dangerous Materials (Rules on Hazard Communication of Dangerous Materials and Toxic Materials)

Taiwan. Industrial Precursor Chemicals (Categories and Regulations Governing Inspection and Declaration of Industrial Precursor Chemicals, MOEA Decree No. 87, as amended)

Taiwan. OELs. (Standards on Workplace Atmosphere of Dangerous and Hazardous Materials)
Taiwan. Toxic Chemical Substances (TCS) (List of Toxic Chemical Substances announced by the Environmental Protection Administration)

Taiwan. Toxic Materials (Rules on Hazard Communication of Dangerous Materials and Toxic Materials)

Japan Society for Occupational Health, Recommendation of Occupational Exposure Limits Japan Chemical Industry Association (JCIA) GHS Guideline, June 2012

JIS Z 7252:2014 Classification of chemicals based on "Globally Harmonized System of Classification and Labelling of Chemicals (GHS)"

JIS Z 7253:2012 Hazard communication of chemicals based on GHS – Labelling and Safety Data Sheet (SDS)

GOST 30333-2007 Chemical production safety passport. General requirements.

GOST 31340-2013 Labeling of chemicals. General requirements.

GOST 32419-2013 Classification of chemical products. General requirements.

GOST 32424-2013 Classification of chemicals for environmental hazards. General principles.

GOST 12.1.007-76 Occupational safety standard system. Noxious substances. Classification and general safety requirements.

GOST 12.1.044-89. Occupational safety standards system. Fire and explosion hazard of substances and materials. Nomenclature of substances and materials. Nomenclature of indices and methods of their determination.

GOST 19433-88. Dangerous goods. Classification and marking.

GOST 12.1.004-91. Occupational safety standards system. Fire safety. General requirements.

GOST 32425-2013 Mixtures classification of hazard for environmental.

GOST 32423-2013 Mixtures classification of hazard for health.

## Disclaimer

This safety data sheet was prepared in accordance with JIS Z 7253:2012. Additional information is given in the Material Safety Data Sheet. Malco Products, Inc. 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**

**GHS: Classification**