

## 1. Chemical Product and Company Identification

<b>Material name</b>	<b>FOAM DEPRESSANT</b>
	METALWORKING FLUID ADDITIVE
<b>Version #</b>	01
<b>Issue date</b>	05-13-2015
<b>CAS #</b>	Mixture
<b>MSDS Number</b>	Not applicable
<b>Recommended use</b>	METALWORKING FLUID ADDITIVE
<b>Manufacturer</b>	
<b>Company name</b>	CIMCOOL® Industrial Products LLC
	3000 Disney Street
	Cincinnati, Ohio 45209
<b>Telephone (General Information)</b>	513-458-8199
<b>Emergency telephone number</b>	1-800-424-9300 (CHEMTREC)
<b>Emergency telephone number (outside USA)</b>	1-703-527-3887 (CHEMTREC)
<b>Supplier</b>	
<b>Company name</b>	Milacron Canada Corp.
<b>Address</b>	1175 Appleby Line Road, Unit B-1
	Burlington Ontario L7L5H9 Canada
<b>Telephone (General Information)</b>	905-319-1919
<b>Emergency telephone number (outside USA)</b>	1-703-527-3887 (CHEMTREC)

## 2. Hazards Identification

<b>Emergency overview</b>	May cause eye irritation. Avoid prolonged contact with eyes, skin and clothing.
<b>Potential health effects</b>	
<b>Routes of exposure</b>	Skin contact. Inhalation. Ingestion. Eye contact.
<b>Eyes</b>	May cause eye irritation. Avoid contact with eyes.
<b>Skin</b>	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. Health injuries are not known or expected under normal use.
<b>Inhalation</b>	Avoid breathing dust/fume/gas/mist/vapors/spray. Health injuries are not known or expected under normal use.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Do not ingest.

## 3. Composition/Information on Ingredients

The components are not hazardous or are below required disclosure limits.

## 4. FIRST AID MEASURES

<b>First aid procedures</b>	
<b>Inhalation</b>	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
<b>Skin contact</b>	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
<b>Eye contact</b>	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 symptoms occur.
<b>Ingestion</b>	Rinse mouth thoroughly. Drink 1 or 2 glasses of water. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.

<b>Notes to physician</b>	Provide general supportive measures and treat symptomatically. Symptoms may be delayed.
<b>General advice</b>	Show this safety data sheet to the doctor in attendance. If exposed or concerned: Get medical advice/attention.

## 5. FIRE FIGHTING MEASURES

<b>Flammable properties</b>	Not flammable by WHMIS criteria.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ). Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	Not applicable, non-combustible.
<b>Protection of firefighters</b>	
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Protective equipment for firefighters</b>	Wear suitable protective equipment.
<b>Fire fighting equipment/instructions</b>	Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials. In the event of fire and/or explosion do not breathe fumes.
<b>Explosion data</b>	
<b>Sensitivity to static discharge</b>	Not applicable.
<b>Sensitivity to mechanical impact</b>	Not applicable.
<b>Hazardous combustion products</b>	Smoke, fumes, and oxides of carbon
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Keep unnecessary personnel away. Wear appropriate personal protective equipment. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the MSDS.
<b>Environmental precautions</b>	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.
<b>Methods for containment</b>	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Prevent entry into waterways, sewer, basements or confined areas.
<b>Methods for cleaning up</b>	Local authorities should be advised if significant spillages cannot be contained. This product is miscible in water.  Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. 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. Do not flush spill to drain. For waste disposal, see section 13 of the MSDS.
<b>Other information</b>	Clean up in accordance with all applicable regulations.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. Do not ingest. Avoid prolonged and repeated contact. Do not get this material on clothing. When using, do not eat, drink or smoke. Use only in well-ventilated areas. Wash thoroughly after handling. Do not empty into drains. Handle and open container with care. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.
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<b>Storage</b>	To maintain product quality, do not store in heat or direct sunlight. Keep containers closed when not in use. Store in a well-ventilated place. Room temperature - normal conditions. Do not allow material to freeze. Keep away from food, drink and animal feedingstuffs. Use care in handling/storage. Store away from incompatible materials (see Section 10 of the MSDS). If frozen, product may separate. Thaw completely at room temperature and stir thoroughly prior to use. Keep this material away from food, drink and animal feed.
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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Engineering controls</b>	Ensure compliance with applicable exposure limits. 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 fountain and emergency showers are recommended.
<b>Personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles). Do not get in eyes. Eye wash fountain is recommended.
<b>Skin protection</b>	Use protective gloves made of: Nitrile. Wear suitable protective clothing and gloves.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Hand protection</b>	Use protective gloves made of: Nitrile.

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance</b>	CLEAR
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Not available.
<b>Odor</b>	CHEMICAL
<b>Odor threshold</b>	Not available.
<b>pH</b>	6.0
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Boiling point</b>	> 212 °F (> 100 °C)
<b>Melting point/Freezing point</b>	12 °F (-11.1 °C)
<b>Solubility (water)</b>	100 % Water Miscible
<b>Specific gravity</b>	1.3
<b>Relative density</b>	Not available.
<b>Flash point</b>	Not Applicable
<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Evaporation rate</b>	Like water when diluted
<b>Other data</b>	
<b>VOC ASTM D2369</b>	0 %

## 10. Stability and Reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Avoid contact with oxidizers or reducing agents.
<b>Hazardous decomposition products</b>	Smoke, fumes, and oxides of carbon

**Possibility of hazardous reactions**

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

## 11. TOXICOLOGICAL INFORMATION

**Toxicological data**

No data available.

**Acute effects**

Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

**Sensitization**

Not classified.

**Chronic effects**

Not classified.

**Carcinogenicity**

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

**Skin corrosion/irritation**

Prolonged skin contact may cause temporary irritation. Defatting, drying and cracking of skin.

**Serious eye damage/irritation**

Direct contact with eyes may cause temporary irritation.

**Mutagenicity**

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

**Reproductive effects**

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

**Teratogenicity**

Not classified.

**Symptoms and target organs**

Direct contact with eyes may cause temporary irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Defatting of the skin.

**Synergistic materials**

Not applicable.

**Further information**

Symptoms may be delayed.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicological data**

No ecotoxicity data noted for the ingredient(s).

**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.

**Environmental effects**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Aquatic toxicity**

Not available.

**Persistence and degradability**

Not available.

**Mobility in environmental media**

This product is miscible in water.

## 13. DISPOSAL CONSIDERATIONS

**Disposal instructions**

Consult authorities before disposal. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**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**

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

## 14. Transport Information

**TDG**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

## 15. REGULATORY INFORMATION

**Canadian regulations**

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

**WHMIS status**

Controlled

**WHMIS classification**

D2B - Other Toxic Effects-TOXIC

**International Inventories**

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

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**16. OTHER INFORMATION****HMIS® ratings**

Health: 0  
 Flammability: 0  
 Physical hazard: 0

**NFPA ratings**

Health: 0  
 Flammability: 0  
 Instability: 0

**Disclaimer**

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

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**This data sheet contains  
 changes from the previous  
 version in section(s):**

This document has undergone significant changes and should be reviewed in its entirety.