



## Interprovincial Cooperative Limited

### IPCO Contender MSO Adjuvant

### MATERIAL SAFETY DATA SHEET

#### 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: IPCO Contender MSO Adjuvant  
Product Use: Adjuvant  
Product Number: 32198

Manufacturer /Supplier: INTERPROVINCIAL COOPERATIVE LTD.  
945 Marion St.  
Winnipeg, Manitoba  
R2J 0K7 [www.ipco.ca](http://www.ipco.ca)

Effective Date: June 17, 2016

This product is regulated under authority of the Pest Control Products Act

#### 2: HAZARD IDENTIFICATION

##### Effects of Overexposure:

Route of Exposure: Inhalation, eye contact, skin contact, ingestion.  
Inhalation May be harmful if inhaled. May cause irritation to eyes, nose, throat and respiratory tract.  
Eye Contact Causes eye irritation.  
Skin Contact Prolonged skin contact may cause irritation.  
Ingestion May be harmful if swallowed. May cause nausea, vomiting, diarrhea and abdominal discomfort.  
WARNING: Contains the allergen soy.

#### 3: COMPOSITION AND INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER	% (W/W)
Methylated Seed Oil of Soybean	Mixture	70

Ingredients not listed are proprietary or non-hazardous

#### 4: FIRST AID MEASURES

In case of poisoning, call a physician or poison control centre IMMEDIATELY.

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Ingestion: Call a poison control centre or doctor IMMEDIATELY for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control centre or doctor for further treatment advice.

Eyes: Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

Emergency Medical Care: No specific antidote. Treatment of any systemic intoxication should be primarily symptomatic and supportive. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**In case of emergency call CANUTEC at 613-996-6666**

Interprovincial Cooperative Ltd.; Information Phone: 204-233-3461

Effective Date:

MSDS # 056

PCP# 32198

17-Jun-2016

Page 1 of 4

## 5: FIRE-FIGHTING MEASURES

Unusual Fire & Explosion Hazards:	Burning material may float. Not considered explosive. Contain water from fire fighting to prevent entry into water supplies.
Extinguishing Media:	Carbon Dioxide, Foam, Water Fog, and Dry Chemical
Special Oxidizing Material Hazards:	Not Established
Hazardous Combustion Products:	May include but are not limited to oxides of carbon and oxides of sulfur.
Special Fire Fighting Procedures:	Use water spray to cool fires exposed containers or structures. Use water spray to disperse vapours; re-ignition is possible. Remain upwind. Avoid breathing smoke. Use self-contained breathing apparatus and full protective gear.

## 6: ACCIDENTAL RELEASE MEASURES

In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations. Flush spill area with water after clean up. Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

## 7: HANDLING AND STORAGE

Store in a cool, well-ventilated area. Keep in original container tightly closed. Do not reuse empty container. Keep out of reach of children.

Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

## 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits:	OSHA PEL 8 hr	TWA ACGIH TLV-TWA
For product	not established	not established
Special Engineering Controls:	Work in well-ventilated area, local exhaust may be required if working in confined space.	
Eye Protection:	CSA approved safety glasses with side shields or goggles.	
Respiratory Protection:	Not normally required, if vapors or dusts exceed acceptable levels, wear a NIOSH/MSHA approved pesticide respirator.	
Hand and Arm:	Chemical resistant PVC or rubber gloves.	
Feet:	Rubber boots.	
Body:	Wear protective clothing: long-sleeved shirts and pants, socks.	
Other Personal Protection:	Recommendations listed above indicate the type of equipment which will provide protection against overexposure to this product. Conditions of use, adequacy of engineering or other control measures, and actual exposures will dictate the need for specific protective devices at your workplace.	

## 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance & Odour:	Yellow, with mild characteristic Fatty odour
Specific Gravity:	(@ 20°C): 0.900 g/mL
Vapour density:	Not established
Solubility in water:	Emulsifies
Solubility in liquids:	Not established
Freezing point:	Not established
% volatile by volume:	Not established
Boiling point:	>93.4°C

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MSDS # 056

PCP# 32198

17-Jun-2016

Page 2 of 4

Odour threshold (ppm):	Not established
Coefficient of water/oil distribution:	Not established
Vapour pressure:	Not established
Evaporation rate:	Not established
pH: (1% Sol'n):	6.9
Viscosity:	Not established
Flash Point & Method:	>100 °C (Tag Closed Cup)
Flammable Limits (% in air):	Lower: Not established Upper: Not established
Autoignition Temperature	Not established

## 10: STABILITY AND REACTIVITY

Decomposition Temp:	Not Established
Stability:	Stable under normal conditions.
Materials to Avoid:	Strong acids, bases or oxidizing agents
Hazardous Decomposition Products:	Not known
Hazardous Polymerization or Condensation:	Will not occur.
Conditions to Avoid:	Prolonged excessive heating

## 11: TOXICOLOGICAL INFORMATION

Skin Absorption:	Acute Dermal LD <sub>50</sub> (rat)	>4000 mg/kg.
Ingestion:	Acute Oral LD <sub>50</sub> (rat)	5000 mg/kg.
Inhalation:	LC <sub>50</sub> (rat)	>0.05 mg/L
T.W.A. (ACGIH):	Total Hydrocarbons:	Not established
Chronic Health Hazards:	Not established	
Mutagenicity Data:	Not established.	
Carcinogenicity Data:	None listed in OSHA, NTP, IARC or ACGIH	
Teratogenicity Data:	Not established	
Reproductive Effects:	Not established	

## 12: ECOLOGICAL INFORMATION

Not Determined

## 13: DISPOSAL CONSIDERATIONS

Do not reuse containers for any purpose. Contact your local dealer/distributor for the location of the nearest collection site. Before taking container to the collection site: Triple or pressure-rinse the empty container, adding the rinsate to the spray tank. Make the empty container unsuitable for further use. If there is no container collection site in your area, dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Do not contaminate water, food, or feed by storage or disposal.

## 14: TRANSPORT INFORMATION

This product is Not Regulated under regulations of the Transport of Dangerous Goods Act.

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Effective Date:

MSDS # 056

PCP# 32198

17-Jun-2016

Page 3 of 4

**15: REGULATORY INFORMATION**

Pest Control Products Act  
 Registration Number: 32198  
 For Information Phone: 204-233-3461  
 MSDS Status/  
 Revised Sections:  
 Replaces MSDS Dated: February 22, 2016

**16: OTHER INFORMATION**

WHMIS Ratings: D2B  
 Notice: The enclosed information is supplied as a customer service and is provided in good faith. Although it has been based on data drawn from sources deemed to be reliable, IPCO cannot guarantee its accuracy and assumes no responsibility for conditions resulting from its use.