

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Award with .38% Barricade 19-0-6, 25% PCSCU

SECTION I	
MANUFACTURER'S NAME: EAU CLAIRE COOP OIL COMPANY P.O. BOX 837 EAU CLAIRE, WI 54702	EMERGENCY TELEPHONE NUMBER CALL DAY OR NIGHT 1-800-424-9300 TELEPHONE NUMBER FOR INFORMATION: (715)-876-6422

SECTION II CHEMICAL INGREDIENTS / IDENTITY INFORMATION

<u>CHEMICAL COMPONENTS</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>	<u>CAS #</u>	<u>%</u>
UREA	15mg/M ³	10mg/M ³		57-13-6	31.25
Potassium Chloride	15mg/M ³	10mg/M ³		7447-40-7	10.00
Poly Coated Sulfur Coated Urea	10mg/M ³	15mg/M ³		57-13-6 & 7704-34-9	11.25
Limestone	5mg/M ³	10mg/M ³		NA	43.82
Paper Fiber	NA	NA		NA	2.50
Glycerine	NA	NA		56-81-5	0.60
Prodiamine	Not established	Not established		29091-21-2	0.59

SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT	NA	SPECIFIC GRAVITY	>1
VAPOR PRESSURE	NA	MELTING POINT	132.7 ^o C
VAPOR DENSITY	NA	EVAPORATION RATE	NA
SOLUBILITY IN WATER	Soluble	APPEARANCE AND ODOR	Granular & mixed color Slight phenoxy odor

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NA

EXTINGUISHING MEDIA: Foam, CO₂, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and self-contained breathing apparatus, to protect against the decomposition products of Urea and Sulfur Coated Urea which can be toxic. Keep run-off out of environmental waters.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Avoid breathing vapors or dust. May form nitrogen oxides, sulphurous oxides and hydrogen chloride gas upon burning.

SECTION V REACTIVITY DATA

STABLE	X	CONDITIONS TO AVOID	Decomposes when heated above melting point
UNSTABLE		CONDITIONS TO AVOID	

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid Contact with Strong Acids, Mildly Corrosive to Metals in Presence of Moisture

HAZARDOUS DECOMPOSITION OR BY PRODUCTS: NDA

<u>HAZARDOUS POLYMERIZATION:</u>			
MAY OCCUR		CONDITIONS TO AVOID	
WILL NOT OCCUR	X	CONDITIONS TO AVOID	N A

SECTION VI HEALTH HAZARD DATA

ROUTES OF ENTRY: Inhalation, Eyes, Skin, and Ingestion

HEALTH HAZARDS:

SIGNS AND SYMPTOMS OF EXPOSURE: EYES: Dust and vapors can cause irritation and pain. SKIN: Can cause irritation. INHALATION: Dust can cause sore throat, coughing, and shortness of breath. INGESTION: Can cause sore throat and abdominal pain.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NDA

EMERGENCY AND FIRST AID PROCEDURES: EYES & INGESTION: Flush immediately with plenty of water, seek medical attention if necessary. SKIN: Remove contaminated clothing immediately and flush contaminated area with water. INHALATION: Move to fresh air and rest. Seek medical attention if necessary.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Do not touch spilled material. Wear Protective clothing, chemical resistant gloves and shoes, safety glasses or goggles. If exposure level is high, wear a dust/mist respirator, NIOSH/MSHA approval number TC-21C. Collect spilled material and reuse as product if possible. If other than original container is used, label new container for this product. Collect unusable material into DOT drum for disposal. Wash area with water if possible.

WASTE DISPOSAL METHOD: Dispose of DOT drum, waste water and any other waste according to local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store this product in original container in a locked storage area inaccessible to children and pets. Do not store near feed, seed or food; other herbicides, fertilizers or insecticides to prevent cross-contamination.

OTHER PRECAUTIONS: do not use directly on water. Do not apply when weather conditions favor drift from target area. Do not contaminate water supplies when disposing of equipment wastewaters. Do not reuse bag. Empty container may be disposed of in licensed sanitary landfill.

SECTION VIII CONTROL MEASURES / PROCESS AREAS

RESPIRATORY PROTECTION (SPECIFY TYPE): Particulate respirator, MIOSH/MSHA approval number TC-21C is recommended if product application is dusty.

VENTILATION	LOCAL EXHAUST	as necessary to maintain low dust levels
	MECHANICAL	N A
	SPECIAL	dust mask or respirator in dusty situations

PROTECTIVE GLOVES: chemical-resistant gloves recommended EYE PROTECTION: goggles are recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: long sleeves and pants; chemical-resistant gloves and shoes with socks.

WORK / HYGIENIC PRACTICES: Normally accepted practices.

SECTION IX REGULATORY COMPLIANCE

THE FOLLOWING INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS AND REGULATIONS UNDER VARIOUS ENVIRONMENTAL STATUTES:

REPORTABLE QUANTITY (RQ), EPA REGULATION 40 CFR 302 (CERLA Section 102):

CHEMICAL NAMES	CAS#	RQ
Award with .38% Barricade 19-0-6, 25% PCSCU		NA

THRESHOLD PLANNING QUANTITY (TPQ), EPA REGULATION 40 CFR 355 (SARA Sections 301-304):

CHEMICAL NAME:	CAS#:	TPQ:
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TOXIC CHEMICAL RELEASE REPORTING, EPA REGULATION 40 CFR 372 (SARA Section 313):

CHEMICAL NAME:	CAS #:	% BY WEIGHT IN PRODUCT
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HAZARDOUS CHEMICAL REPORTING, EPA REGULATION 40 CFR 370 (SARA Sections 311-312):

CHEMICAL NAME:	CAS#:
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EPA HAZARD CLASSIFICATION CODE:

ACUTE HAZARD	CHRONIC HAZARD	FIRE HAZARD	PRESSURE HAZARD	REACTIVE HAZARD	NOT APPLICABLE
					X

HAZARD RATING: NFPA

<u> </u> 0 <u> </u> FIRE	<u> </u> 0 <u> </u> TOXICITY	<u> </u> 0 <u> </u> REACTIVITY	<u> </u> U <u> </u> CORROSIVENESS
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HAZARD RATING CODE	0 None	1 Slight	2 Moderate	3 High	U Unknown
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SECTION X TRANSPORTATION INFORMATION

For further information relative to spills resulting from transportation incidents, refer to latest Department of Transportation Emergency Response Guidebook for Hazardous Material Incidents. DOT P 5800.5

DOT IDENTIFICATION: RQ:

OSHA REQUIRED LABEL INFORMATION:

In compliance with hazard and right-to-know requirements, the following OSHA Hazard Warnings should be found on a label, bill of lading or invoice accompanying this shipment. NA

NOTE: Product label will contain additional non-OSHA related information.

DATE: March, 2013

SUPERSEDES: ALL PREVIOUS

The information herein was given in good faith but no warranty, expressed or implied was made. Consult for further information.

NA = NOT APPLICABLE

NDA = NO DATA AVAILABLE