Agri-Chem/Quest Products Corporation ®

MATERIAL SAFETY DATA

1. PRODUCT IDENTIFICATION

PRODUCT NAME:	**INFLUENCE 1400**
SYNONYMS:	Acidifying-Surfactant
CHEMICAL FAMILY:	Proprietary Blend
GENERIC DESCRIPTION:	NA
MOLECULAR WEIGHT:	NA

2. HAZARDOUS INGREDIENTS

OSHA REGULATED

COMPONENT	CAS. NO	WT%	EXPOSURE LIMITS
Propionic Acid	79-09-04	35	10 ppm / 8 hr. TWA 15 ppm / 15 min. STEL

The maximum of 1 ppm Ethylene Oxide (EO)(75-21-8) May be present in the product.
The OSHA PEL and ACGIH TLV for EO is 1 ppm.

3. EFFECTS OF OVEREXPOSURE:

EYE:	Causes severe eye burns.
SKIN:	Causes severe skin burns.
INHALATION:	Mists or vapors are harmful to respiratory tract.
ORAL:	Harmful if swallowed.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Overexposure to any chemical may result in enhancement of pre-existing adverse medical condition and allergic reactions.

4. EMERGENCY FIRST AID

EYES:	Flush immediately with a lot of water for 15 minutes. Get immediate medical attention.
SKIN:	Remove contaminated clothing, flush with plenty of water. Get medical attention or contact poison control center immediately.
INHALATION:	Remove to fresh air. Apply artificial respiration if necessary. Get immediate medical attention.
INGESTION:	**Do not induce vomiting.** Drink 2 glasses of water or milk immediately. Get medical attention immediately. Never give anything by mouth to an unconscious person.

5. REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	Excessive heat and open flames.
POLYMERIZATION:	Will not occur.
INCOMPATIBILITY:	Strong oxidizing agents. Can react with metals, strong bases and amines.
DECOMPOSITION:	Carbon dioxide, carbon monoxide.

6. PHYSICAL PROPERTIES

APPEARANCE AND ODOR:	Amber to dark brown liquid, Vinegar like
BOILING POINT:	NA
MELTING POINT:	NA
VAPOR PRESSURE (mmg of Hg):	NA
SPECIFIC GRAVITY:	0.997 (+/- .05)
VAPOR DENSITY (AIR=1):	NA
% VOLATILE (BY WGT.%):	NA
EVAPORATION RATE (Butyl A.)r=1):	NA
SOLUBILITY IN WATER:	Soluble

7. NFPA HAZARD RATING (National Fire Protection Association)

		Fire 2		FIRE:	Materials that must be preheated before ignition can occur.
Health	3	-	0 Reactivity	HEALTH:	Materials which on exposure should cause irritation but only minor residual injury even if no treatment is given.
		Special		REACTIVITY:	Materials which in themselves are normally stable, even under fire exposure conditions, and which are not reactive with water.

8. FIRE AND EXPLOSION HAZARD INFORMATION

FLASHPOINT:	147°F (Pensky-Martens closed cup ASTM D93)
FLAMMABLE LIMITS:	Not Available
EXTINGUISHING MEDIA:	Foam, Dry Chemical, CO2, Water Spray
FIRE FIGHTING:	Use alcohol-type or universal-type foams on larger fires. Smaller fires should be extinguished with carbon dioxide or dry chemical. Do not use water or foam directly on the fire. Use self-contained breathing apparatus with fighting any fire in an enclosed area.
UNUSUAL FIRE HAZARD:	May be ignited by heat, sparks or flames. Vapors may travel to a source of ignition and flash back. Containers may explode in heat of fire.

9. SPECIAL PRECAUTIONS

HANDLING AND STORAGE:	Keep out of reach of children. Store in cool dry place. Keep in original container tightly closed. Do not reuse empty container.
OTHER PRECAUTIONS:	Do not store with food, feed, or other material to be used or consumed By humans or animals. Do not contaminate water supplies. Do not store Z IWK P DAUDOY ©EHOIG"2 xlGzHUV' RURxlGzlng DgHnW.

10. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	Wear a NIOSH/OSHA approved respirator if necessary.
VENTILATION:	Normal room ventilation (mechanical) should be satisfactory.
PROTECTIVE GLOVES:	Impervious.
EYE PROTECTION:	Wear goggles or a face shield.
OTHER PROTECTION:	Eye wash and safety shower.

11. SPILL OR LEAK PROCEDURES

SPILLS OR RELEASES:	Material should be collected and disposed in proper manner. Avoid Discharge to natural waters as concentrated material is highly toxic to fish. Wear suitable protective equipment.
WASTE DISPOSAL:	Do not contaminate water, food or feed by storage or disposal. Dispose of in an approved waste disposal facility in accordance with all Federal, State and Local Regulations.
CONTAINER DISPOSAL:	Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

12. REGULATORY INFORMATION

COMPOUNDS WHICH REn UIRE REPORTING UNDER SARA TITLE III

Sara regulated compounds	% Wt.	Acute	Chronic	Fire	Reactivity	Pressure	CAS NO.
Propionic Acid	35	yes	no	yes	no	no	79-09-4

13. OTHER INFORMATION

WARNING! This product contains a detectable amount of ethylene oxide, which is known to the State of California to cause cancer and/or reproductive toxicity.

Ethoxylated products may contain residual amounts of ethylene oxide (EO) which can accumulate in the container headspace and be released into the ambient environment. This process is enhanced when the product is agitated, as during tank car loading and unloading, and blending operations. Ethylene oxide causes tumors in laboratory animals. The Occupational Safety and Health Administration (OSHA) Permissible Exposure Level (PEL) for EO is 1 ppm for an eight-hour time weighted average exposure. The standard regulates occupational exposure to EO from all sources, including products containing residual EO. It is the responsibility of the employer to comply with OSHA ethylene oxide standard (29) CFR 1910.1047).

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.

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