

# MATERIAL SAFETY DATA SHEET



## SECTION I - MANUFACTURER'S INFORMATION

<b>MANUFACTURER'S NAME</b>	WOODSTREAM CORPORATION 69 NORTH LOCUST STREET LITITZ, PA 17543
<b>EMERGENCY TELEPHONE NUMBER</b>	800-800-1819
<b>TELEPHONE NUMBER FOR INFORMATION</b>	717-626-2125
<b>MSDS REVISION DATE</b>	02/09/01

## SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

### 8701 SAFER OXYGEN PLUS LIQUID PLANT FOOD

<b><u>Hazardous ingredients (*)</u>:</b>	% by weight	CAS#	OSHA PEL		ACGIH TLV	
			TWA	STEL	TWA	STEL
Product derived from:						
Potassium hydroxide	N/A	N/A	NE	NE	NE	NE
Phosphoric acid	N/A	N/A	NE	NE	NE	NE
Urea	N/A	N/A	NE	NE	NE	NE
Urea hydrogen peroxide	N/A	N/A	NE	NE	NE	NE

\*all ingredients in quantities > 1.0% (0.1% for carcinogens or teratogens) that are **potentially** hazardous per OSHA definitions.

## SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

<b>BOILING POINT</b>	NE
<b>VAPOR PRESSURE (mmHg)</b>	NOT DETERMINED
<b>VAPOR DENSITY (Air = 1)</b>	NOT DETERMINED
<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1)</b>	1.04 g/l
<b>MELTING POINT</b>	NE
<b>SOLUBILITY IN WATER</b>	SLIGHT
<b>APPEARANCE</b>	CLEAR LIGHT BROWN/YELLOW LIQUID
<b>ODOR</b>	SLIGHT, PLEASANT ODOR
<b>PHYSICAL STATE</b>	LIQUID

<b>PH</b>	NOT DETERMINED
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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT (METHOD USED)</b>	N/A
<b>HAZARDOUS PRODUCTS OF COMBUSTION</b>	NOT DETERMINED
<b>AUTOIGNITION TEMPERATURE</b>	N/A
<b>EXTINGUISHING MEDIA</b>	WATER ONLY
<b>NFPA Ratings:</b> Health = 1 Fire = 0 Reactivity = 0	

## SECTION V - REACTIVITY DATA

<b>STABILITY</b>	STABLE
<b>CONDITIONS TO AVOID</b>	FOR PRODUCT QUALITY, AVOID CONTAMINATING WITH DUST, METAL AND OXIDIZABLE SUBSTANCES.
<b>INCOMPATIBILITY (MATERIALS TO AVOID)</b>	NONE KNOWN
<b>HAZARDOUS POLYMERIZATION</b>	NONE WILL OCCUR

## SECTION VI - HEALTH HAZARD DATA

<b>POTENTIAL HEALTH EFFECTS</b>	THIS MATERIAL MAY BE SLIGHTLY IRRITATING TO THE EYES AND SKIN. PERSONELL RESPONDING TO A SPILL OF THIS MATERIAL WOULD LIKELY ENCOUNTER NO OTHER SUBSTANTIAL HAZARDS.
<b>FIRST AID MEASURES</b>	<p>SKIN CONTACT: WASH WITH PLENTY OF SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.</p> <p>INGESTION: IF SWALLOWED, PROMPTLY DRINK LARGE AMOUNTS OF WATER AND INDUCE VOMITING. NEVER GIVE LIQUIDS OR INDUCE VOMITING ON AN UNCONCIOUS PERSON. GET MEDICAL ATTENTION.</p> <p>EYE CONTACT: FLUSH EYES WITH PLENTY OF WATER. CALL A PHYSICIAN IF IRRITATION PERSISTS.</p> <p>INHALATION: REMOVE VICTIM TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. GET MEDICAL ATTENTION.</p>
<b>TOXICOLOGICAL INFORMATION</b>	NONE LISTED PER OSHA, NTP, OR IARC

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

<b>STEPS TO BE TAKEN IN EVENT MATERIAL IS RELEASED OR SPILLED</b>	RINSE WITH ABUNDANT WATER AND MOP UP
<b>WASTE DISPOSAL METHOD</b>	BE AWARE THAT THE WASTE OWNER HAS RESPONSIBILITY FOR FINAL DISPOSAL. REGULATIONS MAY ALSO APPLY TO EMPTY CONTAINERS, LINERS OR RINSATE. LAWS MAY CHANGE OR BE REINTERPRETED; STATE AND LOCAL REGULATIONS MAY BE DIFFERENT FROM FEDERAL REGULATIONS. THIS INFORMATION APPLIES TO MATERIALS AS MANUFACTURED; CONTAMINATION OR PROCESSING MAY CHANGE WASTE CHARACTERISTICS AND REQUIREMENTS.
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING</b>	STORE AWAY FROM HEAT, OUT OF REACH OF CHILDREN. DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. DO NOT REUSE CONTAINER.

**SECTION VIII - CONTROL MEASURES**

<b>RESPIRATORY PROTECTION (SPECIFY TYPE)</b>	IN TYPICAL APPLICATIONS NO ENGINEERING CONTROLS SHOULD BE NEEDED; IF INDUSTRIAL HYGIENE SURVEYS SHOW THAT OCCUPATIONAL EXPOSURE LIMITS MAY BE EXCEEDED, USE NIOSH APPROVED RESPIRATOR WITH DUST/MIST CARTRIDGES.
<b>PROTECTIVE GLOVES</b>	RECOMMENDED
<b>EYE PROTECTION</b>	RECOMMENDED TO AVOID GETTING MATERIALS DIRECTLY INTO EYES

**SECTION IX – ECOLOGICAL INFORMATION**

<b>ECOTOXICITY</b>	NO DATA AVAILABLE
<b>ENVIRONMENTAL FATE</b>	NO DATA AVAILABLE

**SECTION X – TRANSPORT INFORMATION**

<b>DOT HAZARD DESCRIPTION</b>	CONSUMER COMMODITY, ORM-D
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SECTION XI – REGULATORY INFORMATION

<b>SARA TITLE III</b>	NOT REGULATED
<b>INDIVIDUAL STATES</b>	States such as Pennsylvania, New Jersey, California, Vermont, Massachusetts and Rhode Island may all have components of this product listed; consult specific state regulatory requirements for additional information.

FOR ADDITIONAL INFORMATION, REFER TO THE AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH) DOCUMENTATION OF TLV'S (THRESHOLD LIMIT VALUES) FOR INDIVIDUAL COMPONENTS AND THE DOT EMERGENCY RESPONSE GUIDEBOOK.

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