

MATERIAL SAFETY DATA SHEET



SECTION I - MANUFACTURER'S INFORMATION

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

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

8703 SAFER OXYGEN PLUS LIQUID PLANT FOOD

<u>Hazardous ingredients (*)</u>:	% 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

BOILING POINT	NE
VAPOR PRESSURE (mmHg)	NOT DETERMINED
VAPOR DENSITY (Air = 1)	NOT DETERMINED
SPECIFIC GRAVITY (H₂O = 1)	1.04 g/l
MELTING POINT	NE
SOLUBILITY IN WATER	SLIGHT
APPEARANCE	CLEAR LIGHT BROWN/YELLOW LIQUID
ODOR	SLIGHT, PLEASANT ODOR
PHYSICAL STATE	LIQUID

PH	NOT DETERMINED
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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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

SECTION V - REACTIVITY DATA

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

SECTION VI - HEALTH HAZARD DATA

POTENTIAL HEALTH EFFECTS	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.
FIRST AID MEASURES	<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>
TOXICOLOGICAL INFORMATION	NONE LISTED PER OSHA, NTP, OR IARC

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN EVENT MATERIAL IS RELEASED OR SPILLED	RINSE WITH ABUNDANT WATER AND MOP UP
WASTE DISPOSAL METHOD	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.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	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

RESPIRATORY PROTECTION (SPECIFY TYPE)	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.
PROTECTIVE GLOVES	RECOMMENDED
EYE PROTECTION	RECOMMENDED TO AVOID GETTING MATERIALS DIRECTLY INTO EYES

SECTION IX – ECOLOGICAL INFORMATION

ECOTOXICITY	NO DATA AVAILABLE
ENVIRONMENTAL FATE	NO DATA AVAILABLE

SECTION X – TRANSPORT INFORMATION

DOT HAZARD DESCRIPTION	CONSUMER COMMODITY, ORM-D
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SECTION XI – REGULATORY INFORMATION

SARA TITLE III	NOT REGULATED
INDIVIDUAL STATES	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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