

MATERIAL SAFETY DATA SHEET

PAGE 1 OF 4

MANUFACTURED FOR:
 UNISOURCE WORLDWIDE, INC.
 1100 CASSATT ROAD
 BERWYN, PA 19312-0935
 24 HR. EMERGENCY NO. (800)535-5053

PRODUCT NAME: #1032 CHALKBOARD CLEANER
 UNISOURCE ITEM #: 920833
 DATE ISSUED: 01/01/99
 SUPERSEDES:

NFPA RATING: HEALTH 1 FLAMMABILITY 0 REACTIVITY 0
 HMIS RATING: HEALTH 1 FLAMMABILITY 0 REACTIVITY 0

SECTION I

 THIS MSDS COMPLIES WITH OSHA'S HAZARD COMM. STANDARD 29 CFR 1910.1200 AND OSHA FORM 174

DOT HAZARD CLASSIFICATION *: CONSUMER COMMODITY, ORM-D

IDENTITY (TRADE NAME): #1032 CHALKBOARD CLEANER

MSDS NUMBER *: 1032-99-1

DATE PREPARED: 01/01/99

PREPARED BY: REGULATORY DEPT.

SECTION II - INGREDIENTS/IDENTITY INFORMATION

COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAME(S))	CAS NO.	OSHA PEL	ACGIH-TLV	OTHER LIMITS RECOMMENDED	% (OPT.)
ISOBUTANE	75-28-5	800 PPM	800 PPM		1 - 15
PROPANE	74-98-6	1000 PPM	ASPHYXIANT		1 - 5
WATER	7732-18-5	NONE	NONE		
QUATERNARY AMMONIUM COMPOUND, SOYA BASE	68308-67-8	NONE	NONE		
AMMONIUM HYDROXIDE	1336-21-6	NONE	NONE		
OTHER NON-REGULATED INGREDIENTS	MIXTURE	NONE	NONE		

NONE OF THE COMPOUNDS IN THIS PRODUCT ARE CURRENTLY SUBJECT TO REPORTING UNDER SARA TITLE III SEC. 313 (CFR 372).

ANY SUBSTANCE LISTED AS HAZARDOUS BY THE STATES OF CALIFORNIA, FLORIDA, ILLINOIS, MICHIGAN, NEW JERSEY, OHIO, PENNSYLVANIA OR TEXAS IS DESCRIBED ABOVE IF KNOWN PRESENT IN REGULATED CONCENTRATIONS.

PRODUCT NAME: #1032 CHALKBOARD CLEANER
UNISOURCE ITEM #: 920833

DATE ISSUED: 01/01/99
SUPERSEDES:

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: EYES? YES INHALATION? NO SKIN? YES INGESTION? NO

HEALTH HAZARDS (ACUTE AND CHRONIC) - WARNING. CAUSES EYE AND SKIN IRRITATION. REPEATED OR PROLONGED OCCUPATIONAL OVEREXPOSURE MAY CAUSE DERMATITIS OR DRY SKIN. FOLLOW GOOD CHEMICAL HYGIENE PRACTICES TO AVOID THESE HAZARDS.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO
NONE KNOWN

SIGNS AND SYMPTOMS OF EXPOSURE - REDNESS, TEARING, STINGING IN EYES. REDNESS, DRYING, CRACKING OF SKIN. NAUSEA, VOMITING HEADACHES, OR COUGHING.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
PRE-EXISTING SKIN DISORDERS.

EMERGENCY AND FIRST AID PROCEDURES: -

EYES - FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES LIFTING EYELIDS TO INSURE COMPLETE REMOVAL. GET IMMEDIATE MEDICAL ATTENTION. INGESTION - DO NOT INDUCE VOMITING. CALL A PHYSICIAN OR POISON CONTROL CENTER. INHALATION - GET TO FRESH AIR. IF BREATHING HAS STOPPED, QUALIFIED PERSONNEL SHOULD ADMINISTER ARTIFICIAL RESPIRATION. SKIN - FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED - ISOLATE TRAFFIC AND VENTILATE AREA. ELIMINATE ALL IGNITION SOURCES. WEAR PROTECTIVE GEAR AS NECESSARY. DIKE TO PREVENT SPREAD. CAUTION - SLIP HAZARD. PICK UP ON ABSORBENT MATERIAL AND PUT IN SUITABLE CONTAINER.

WASTE DISPOSAL METHOD - CONSULT LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT PUNCTURE OR INCINERATE CONTAINER. REPLACE CAP ON EMPTY CAN, WRAP, THEN DISCARD CONTAINER IF ALLOWED BY APPLICABLE STATUTES.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING - AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. STORE IN A COOL (UNDER 120 F) DRY LOCATION AWAY FROM HEAT, SPARKS, OPEN FLAME, AND DIRECT SUNLIGHT. DIRECT SPRAY AWAY FROM FACE. REPLACE CAP WHEN NOT IN USE. DO NOT USE AROUND IGNITION SOURCES SUCH AS HEAT, SPARKS, OPEN FLAME, ETC.

MATERIAL SAFETY DATA SHEET

PAGE 4 OF 4

PRODUCT NAME: #1032 CHALKBOARD CLEANER
UNISOURCE ITEM #: 920833

DATE ISSUED: 01/01/99
SUPERSEDES:

OTHER PRECAUTIONS - FOLLOW LABEL DIRECTIONS CAREFULLY. KEEP OUT OF REACH OF CHILDREN. DO NOT DELIBERATELY CONCENTRATE AND INHALE VAPORS.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE) - NOT USUALLY NECESSARY. USE WITH ADEQUATE VENTILATION. IF PELS OR TLVS ARE EXCEEDED (SEE SECTION II), USE AN APPROVED NIOSH/MSHA RESPIRATOR.

VENTILATION: LOCAL EXHAUST - NOT USUALLY NECESSARY SPECIAL - NONE
 MECHANICAL (GENERAL) - YES OTHER - NONE

PROTECTIVE GLOVES
ONLY IF PROLONGED EXPOSURE POSSIBLE

EYE PROTECTION
YES (APPROVED SAFETY GLASSES (Z87) OR GOGGLES.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT -
NOT USUALLY NECESSARY. USE APRON, BOOTS, FACE - SHIELD, ETC. IF CONTACT POSSIBLE.

WORK/HYGIENIC PRACTICES -
NORMAL. WASH THOROUGHLY BEFORE EATING, DRINKING, SMOKING, USING RESTROOMS, ETC.

DISCLAIMER OF WARRANTIES

NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY NATURE ARE MADE WITH RESPECT TO THE PRODUCT(S) OR INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET.

THE INFORMATION AND RECOMMENDATIONS CONTAINED IN THIS MATERIAL SAFETY DATA SHEET ARE SUPPLIED PURSUANT TO 29 CFR 1910.1200 OF THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS HAZARD COMMUNICATION RULE. ALL INFORMATION CONTAINED HEREIN IS PRESENTED IN GOOD FAITH AND IS BELIEVED TO BE APPROPRIATE AND ACCURATE.

THE BUYER OR USER ASSUMES ALL RISKS ASSOCIATED WITH THE USE, MISUSE OR DISPOSAL OF THIS PRODUCT. THE BUYER OR USER IS RESPONSIBLE TO COMPLY WITH ALL FEDERAL, STATE OR LOCAL REGULATIONS CONCERNING THE USE, MISUSE OR DISPOSAL OF THESE PRODUCTS.