

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

SECTION 1

PRODUCT NAME CITRUS SOAK

GENERIC NAME LIQUID DETERGENT

SUPPLIERS NAME NATIONAL AUTOMOTIVE CHEMICAL

SUPPLIERS ADDRESS 1000 HIGHLAND AVE. PHONE 800-999-7235

CAMBRIDGE, OHIO 43725

PROPER SHIPPING NAME COMPOUND, CLEANING LIQUID

CHEMICAL FAMILY N/A

HMIS

HEALTH	<u>2</u>
FIRE	<u>0</u>
REACTIVITY	<u>0</u>
PERSONAL PROTECTION	<u>B</u>

HAZARDOUS INGREDIENTS

SECTION 2

CHEMICAL NAME	CAS No.	WEIGHT	PEL	TWA-TLV	CAR
SODIUM METASILICATE	6834-92-0	0-10			

PHYSICAL DATA

SECTION 3

BOILING RANGE 212 F INITIAL

VAPOR PRESSURE 20mm Hg @ 68F

%VOLATILE 82.00+

SOLUBILITY IN WATER COMPLETE

PHYSICAL DESCRIPTION Thin green liquid with citrus odor.

SPECIFIC GRAVITY 1.08

VAPOR DENSITY (AIR=1)>1

PH 11.0 to 12.0

EVAPORATION RATES (WATER+1) <1

FIRE & EXPLOSION HAZARD

SECTION 4

FLASH POINT N/A

FLAMMABLE LIMITS N/A

EXTINGUISHING MEDIA NONFLAMMABLE

SPECIAL FIRE FIGHTING PROCEDURES N/A

UNUSUAL FIRE & EXPLOSION HAZARDS N/A

REACTIVITY DATA

SECTION 5

STABILITY Stable

HAZARDOUS DECOMPOSITION ALKALINE VAPORS IN FIRE

HAZARDOUS POLYMERIZATION Will Not Occur

COMPATIBILITY MATERIALS TO AVOID

STRONG ACIDS

STORAGE & HANDLING

SECTION 6

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP OUT OF REACH OF CHILDREN.

FOR USE BY TRAINED PROFESSIONALS ONLY. KEEP CONTAINER CLOSED DURING STORAGE.

FOR INDUSTRIAL USE ONLY.

HEALTH & FIRST AID

SECTION 7

EFFECTS OF OVEREXPOSURE

PRIMARY ROUTE OF ENTRY

EYES: SEVERE EYE IRRITANT. LIQUID AND MISTS MAY DAMAGE THE EYES CAUSING CORNEAL INJURY.

SKIN: MAY CAUSE REDNESS OR SWELLING. PROLONGED OR REPEATED CONTACT MAY CAUSE DERMATITIS.

INHALATION: MAY BE IRRITATING TO THE MUCOUS MEMBRANES TO THE NOSE, THROAT, LUNGS. CHOKING, COUGHING OR HEADACHE MAY OCCUR.
LIQUID AND MISTS MAY DAMAGE TH EYES CAUSING CORNEAL INJURY.

INGESTION: IRRITATION TO THE MOUTH, THROAT AND GASTROINTESTINAL SYSTEM. LARGE AMOUNTS MAY CAUSE VOMITING AND DIARRHEA.

FIRST AID PROCEDURES

SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH AFFECTED AREA WITH WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

EYES: FLUSH EYES WITH LARGE QUANTITIES OF WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

INHALATION: GET FRESH AIR. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

INGESTION: IF PRODUCT IS SWALLOWED, DO NOT INDUCE VOMITING. IF PERSON IS CONSCIOUS, DRINK LARGE QUANTITIES OF WATER. SEEK MEDICAL ATTENTION IMMEDIATELY .

SPECIAL PROTECTION DATA

SECTION 8

RESPIRATORY PROTECTION: NO SPECIAL REQUIREMENTS.

VENTILATION: PROVIDE LOCAL EXHAUST TO KEEP TLV OF SECTION 2 INGREDIENTS BELOW ACCEPTABLE LIMIT.

PROECTIVE GLOVES: WATERPROOF

EYE PROTECTION: SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT: N/A

SPILL OR LEAK PROCEDURE

SECTION 9

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: MOP UP OR OTHERWISE ABSORB AND HOLD FOR DISPOSAL.

WASTE DISPOSAL METHOD: ANY METHOD IN ACCORDANCE WITH APPLICABLE LAWS.