

# MATERIAL SAFETY DATA SHEET

SUPERIOR PRODUCTS COMPANY INC.

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**ORANGE CRUSH  
C19**

EMERGENCY NUMBER  
(800) 424-9300 CHEMTREC

## SECTION I-PRODUCT INFORMATION:

NAME: ORANGE CRUSH

USE: PUMICE HAND SOAP

CHEMICAL FAMILY: WATER BASED

## SECTION II-PHYSICAL DATA:

BOILING POINT (F): 212

SPECIFIC GRAVITY (WATER=1):>1

POUNDS/GALLON: 8

VAPOR PRESSURE (mm hg): N/A

SOLUBILITY IN WATER: 100%

% VOLATILE BY VOLUMN: 0

APPEARANCE: THICK ORANGE LIQUID

ODOR: CITRUS

## SECTION III-HAZARDOUS INGREDIENTS:

<u>INGREDIENT:</u>	<u>CAS #</u>	<u>% BY WEIGHT</u>	<u>OSHA/PEL</u>	<u>ACGIH/TLV</u>
D-LIMONENE	5989-27-5	5-10	UNDETERMINED	

## SECTION IV- FIRE & EXPLOSION HAZARD DATA:

FLASH POINT AND METHOD: N/A

EXTINGUISHING MEDIA: WATER SPRAY OR FOAM

SPECIAL FIRE FIGHTNING PRODEDURES: WEAR APPROPRIATE SELF CONTAINED BREATHING APARATUS

UNUSAL FIRE & EXPLOSIVE HAZARDS: COMBUSTABLE LIQUID

## SECTION V- HEALTH HAZARD DATA:

ROUTE OF ENTRY: INHALATION- SKIN- INGESTION-

EFFECTS OF ACUTE EXPOSURE: HARMFUL IF SWALLOWED. INGESTION MAY CAUSE VOMITING, HEADACHE, AND OTHER MEDICAL PROBLEMS. MAY BE IRRITATING TO EYES AND SKIN. SKIN CONTACT MAY CAUSE SLIGHT REDNESS.CONTAINS A POTENTIAL SKIN SENGITIZER. EYE CONTACT CAN CAUSE MODERATE TO HIGH IRRITATION. INHALATION CAN CAUSE NOSE, THROAT, AND RESPIRATORY TRACT IRRITATION, COUGHING AND HEADACHE.

EFFECTS OF CHRONIC EXPOSURE: PROLONGED OR REPEATED EXPOSURE CAN CAUSE DRYING, DEFATTING, AND DERMATITIS OF SKIN. NTP, OSHA, OR IARC DOES NOT LIST D-LIMONENE AS A CARCINOGEN. FDA AND WHMIS LIST L-LIMONENE.

MEDICAL CONDITIONS AGGRAVATED BY USE: NONE KNOWN.

EMERGENCY AND FIRST AID PROCEDURE:

EYE CONTACT-RINSE WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS CALL A PHYSICIAN.

SKIN CONTACT-WASH WITH PLENTY OF SOAP AND WATER. WASH CONTAMINATED CLOTHING BEFORE REUSE.

EXCESSIVE VAPOR INHALATION- REMOVE VICTIM TO FRESH AIR AND RESTORE BREATHING IF NECESSARY. CALL A PHYSICIAN IF THERE ARE SIGNS OF BREATHING DIFFICULTIES.

IF SWALLOWED- DO NOT INDUCE VOMITING, CALL A PHYSICIAN IMMEDIATELY WITH THE LISTING OF MATERIALS ON THIS SHEET.

**VI. REACTIVITY HAZARD DATA**

STABILITY: STABLE INCOMPATIBILITY: STRONG OXIDIZING AGENTS

CONDITIONS TO AVOID: HEAT, SPARKS, AND OPEN FLAMES, DO NOT LET PRODUCT FREEZE

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: N/A

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

**VII. PRECAUTIONS FOR SAFE HANDLING AND USE**

CONTROL AND PROTECTION: GLOVES, SAFETY GLASSES, RESPIRATORY, VENTILATION  
STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: STOP SPILL AT THE  
SOURCE, DIKE THE AREA AND CONTAIN THE FLOW, MOP UP OR ABSORB, AND PLACE IN  
SUITABLE CONTAINER. NOTIFY PROPER AUTHORITIES IF AN RQ IS INVOLVED.

WASTE DISPOSAL METHOD: AS DIRECTED BY LOCAL AND FEDERAL POLLUTION LAWS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: AVOID FREE FALL OF LIQUID,  
GROUND CONTAINERS WHEN POURING. STORE AND USE BELOW 120 F AND AWAY FROM  
DIRECT HEAT AND OPEN FLAME.

**VIII. CONTROL MEASURES**

RESPIRATORY PROTECTION: ORGANIC CARTRIDGE TYPE RESPIRATOR IF VENTILATION OR  
OTHER MECHANICAL MEANS CANNOT KEEP AIR BELOW TLV.

VENTILATION: LOCAL EXHAUST IS PREFERABLE, BUT ANY MECHANICAL MEANS THAT  
WILL KEEP VAPORS BELOW LIMITS IS ACCEPTABLE.

PROTECTIVE GLOVES: RECOMMENDED-MUST NOT DISSOLVE IN SOVENTS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: CHEMICAL GOGGLES AND APRON ARE  
RECOMMENDED IF SPLASHING IS POSSIBLE. AN EYE WASH AND SAFETY SHOWER SHOULD  
BE AVAILABLE.

WORK/HYGIENIC PRACTICES: AVOID BREATHING VAPOR OR SPRAY MIST. WASH HANDS  
THOROUGHLY AFTER CONTACT AND BEFORE BREAKS OR MEALS.