MATERIAL SAFETY DATA SHEET

SECTION I - IDENTIFICATION

PRODUCT NAME: Orange Slice
PRODUCT TYPE: Alkaline liquid cleaning compound

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT CAS NUMBER PEL PERCENT

Water	7732-18-5	No limits established	Not Listed
Dipropylene Glycol Monomethyl Ether	34590-94-8	100ppm TLV, 150 ppm STEL	
2-Butoxy Ethanol	111-76-2	20 ppm TLV, 25 ppm PEL	
Sodium Alpha Olefin Sulfonate	68439-57-6	No limits established	
Sodium Xylene Sulfonate	1300-72-7	No limits established	

SECTION III - PHYSICAL DATA

APPEARANCE: Dark orange liquid, citrus scented.

BOILING POINT: 210 degrees F. VAPOR PRESSURE: N/A
VAPOR DENSITY: Greater than 1. SPECIFIC GRAVITY: 0.99

PH: 13.2 SOLUBILITY IN WATER: Completely soluble.

SECTION IV - FIRE AND EXPLOSION DATA

FLASHPOINT: Greater than 150 degrees F.		
EXTINGUISHING MEDIA: Water fog or fine spray. Carbon dioxide, Dry chemical, or		
Alcohol resistant foam.		
SPECIAL FIRE FIGHTING PROCEDURES:Firefighters working in areas		
where this product is present should be equipped with an approved, fully enclosed SCBA.		
UNUSUAL FIRE AND EXPLOSION HAZARDS:None known.		
SECTION V - REACTIVITY DATA		
STABILITY: Stable under normal conditions.		
HAZARDOUS POLYMERIZATION: This product not known to polymerize.		
INCOMPATIBILITY: Do not mix with acids or other detergents.		
HAZARDOUS BYPRODUCTS:Sulfur Dioxide, Hydrogen Sulfide, Carbon Dioxide,		
Carbon Monoxide.		
SECTION VI - HEALTH DATA		
ROUTE(S) OF ENTRY: Ingestion. Not likely to be inhaled in dangerous amounts.		
LISTED CARCINOGEN: Not listed by IARC, NTP or OSHA.		
MEDICAL CONDITION AGGRAVATED:May aggravate pre-existing dermatitis.		
INHALATION: Not likely to be inhaled in hazardous amounts. Maintain		
adequate ventilation in the work area.		
INGESTION: This material can cause irritation or damage to stomach		
and esophagus.		
EYES:		

possibly blindness.

SKIN (DERMAL):	. This product may cause burns or irritation if not removed
from the skin. Chronic overexposure may	cause injury to blood, liver & kidneys.

SECTION VII FIRST AID

BREATHING (INHALATION): If victim shows signs of discomfort or irritation, remove
to fresh air. If symptoms persist, get immediate medical attention.
SWALLOWING (INGESTION): DO NOT INDUCE VOMITING! Drink a large quantity
of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!
EYES: Flush eyes with a large quantity of fresh water for at leas
15 minutes. If irritation persists, consult a physician.
SKIN (DERMAL):
water. If irritation persists, consult physician. Wash contaminated clothing before wearing.
SECTION VIII EMPLOYEE PROTECTION
RESPIRATORY PROTECTION: Not usually needed in well ventilated areas. If needed, use
an OSHA approved respirator.
PROTECTIVE CLOTHING: Nitrile or PVC gloves, and chemical splash goggles.
ADDITIONAL MEASURES: Do not place this product in an unmarked container!
Keep away from children! Spilled material is slippery.
SECTION IV SPILL AND DISPOSAL DATA

SECTION IX - SPILL AND DISPOSAL DATA

SPILL:	Dike to prevent spillage into streams or sewer systems.	
Consult local, state and federal authorities.		
WASTE DISPOSAL:	As recommended by local, state and federal authorities.	
HANDLING & STORAGE PRECAUTIO	NSStore in a cool, well ventilated	
area. Avoid overheating or freezing.		

SECTION X - OTHER REGULATORY INFORMATION

PROPER SHIPPING NAME: Not D.O.T. regulated.

CONSTITUENT:
HAZARD CLASS AND LABEL:
ID NUMBER:

NFPA HEALTH: 2
NFPA FLAMMABILITY: 2
NFPA REACTIVITY: 0
NFPA OTHER: Alkali

PACKING GROUP:

SECTION XI - PRECAUTIONARY STATEMENTS