

MATERIAL SAFETY DATA SHEET

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Section 1 - IDENTIFICATION

Product Name: #477 Lemon Powdered Laundry Detergent

Section 2- HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

(Hazardous Ingredients as Defined by OSHA, 29 CFR 1910.1200)

(OSHA & ACGIH EXPOSURE LIMITS, PPM – TWA 8)

% By Wgt.	Material	PEL	T.L.V.	C.A.S. No.
0-10	Sodium Metasilicate	N/E	N/E	6834-92-0
0-10	Alcohol Ethoxylate	N/E	N/E	68439-46-3
0-10	Sodium Carbonate	N/E	N/E	497-19-8

The balance of ingredients are not considered to be hazardous within the meaning of OSHA Hazard Communication Standard.
ITEMS MARKED * ARE SARA TITLE III SEC 313 REPORTABLES. ALL INGREDIENTS ARE ON TSCA INVENTORY. This product is not regulated under CERCLA or RCRA.
Hazard Rating – Health: 0, Fire: 0, Reactivity: 0, P.P.: 2

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	N/A
SPECIFIC GRAVITY	N/A
EVAPORATION RATE (water =1)	N/A
SOLUBILITY IN WATER	COMPLETE
APPEARANCE AND ODOR	White Powder, Lemon Scent
PH	N/A

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT (TCC): N/A
FLAMMABLE LIMITS – N/A (LEL: N/A UEL: N/A)
EXTINGUISHING MEDIA – Water or suitable material for primary source of fire
SPECIAL FIRE FIGHTING PROCEDURES – None UNUSUAL FIRE AND EXPLOSION HAZARD – None known

SECTION 5 - REACTIVITY DATA

STABILITY – Stable
CONDITIONS TO AVOID – none known.
INCOMPATIBILITY (MATERIALS TO AVOID) – none known.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS – none known.

SECTION 6 - HEALTH HAZARD DATA

ROUTES OF ENTRY: EYES (X) SKIN (X) INGESTION (X) INHALATION (X)
PRECAUTIONARY STATEMENTS – KEEP OUT OF REACH OF CHILDREN. Do not get in eyes or on skin. Wash thoroughly after handling. Harmful if swallowed. Avoid breathing dusts. Store at room temperature. Store in a cool, dry place.
HEALTH HAZARDS: Skin and eye irritant. Breathing dust may be irritating. Harmful if swallowed.
CARCINOGENICITY; NTP, IARC MONOGRAPHS, OSHA REGULATED? No
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE- None known

EMERGENCY AND FIRST AID PROCEDURES:

IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Consult a physician if irritation occurs. IF ON SKIN: Immediately brush off loose powder and area with plenty of water. IF SWALLOWED: Do NOT induce vomiting. Get immediate medical help.

SECTION 7 – STORAGE AND DISPOSAL

PRECAUTIONS FOR SAFE HANDLING AND STORAGE: Keep out of reach of children. Keep container closed during storage. Store in a cool, dry place. For industrial and commercial use only.
SPILL RESPONSE: Keep material dry and collect for disposal. Rinse area with clear water and allow floor to dry before allowing traffic.
WASTE DISPOSAL METHOD – Any method in accordance with applicable laws.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION – Use with adequate ventilation.
VENTILATION – Good general ventilation should be sufficient for most conditions.
PROTECTIVE GLOVES – Normally not needed.
EYE PROTECTION – When eye contact may occur, wear safety glasses of chemical splash goggles.

N/A = Not Applicable/Available N/E = Not Established

Prepared by: Cindy Schroeder, Director of Research