



**INDUSTRIAS AIE n
RESEARCH & DEVELOPMENT**

MATERIAL SAFETY DATA SHEET

HAZARD RATINGS	
HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
SPECIFIC	---

SECTION I. GENERAL DATA

COMPANY	Pine-o-Pine	TELEPHONE	(713) 869-9338	FAX	(713) 869 6772
ADDRESS	523 West 22 Street, Houston TX, 77008 USA		CHEMTREC EMERGENCY INFORMATION TELEPHONE		
		For domestic shipments	(800) 424 9300		
		For shipments outside US	(703) 527 3887		

SECTION II. PRODUCT DATA

PRODUCT NAME	XTRA ORANGE		
CHEMICAL NAME	N/A	CAS NUMBER	N/A
SYNONYMS/ TRADE NAMES	N/A		
APPLICATION	All purpose cleaner		

SECTION III. COMPOSITION / INGREDIENTS INFORMATION

HAZARDOUS INGREDIENTS	% P / V	CAS NUMBER	PERMISSIBLE UPPER LIMIT CPT/CCT/ P (ppm)	SPECIAL HAZARDS
Isopropyl alcohol	4	67-63-0	TLV 400 ppm (ACGIH)	NA
EDTA Tetrasodium	1	64-02-08	---	Not established

SECTION IV. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	transparent liquid		
COLOR AND ODOR:	yellow to light yellow with an orange smell		
BOILING POINT (° C):	NA	MELTING O FREEZING POINT:	NA
FIRE POINT (° C):	NA	AUTO IGNITION TEMPERATURE (°C):	NA
DENSITY (g/ml):	0.991-1.01	VAPOR DENSITY:	NA
MOLECULAR WEIGHT:	NA	VOLATILITY:	NA
PERCENT VOLATILE 100°C :	96.5-97.5	VAPOR PRESSURE (mmHg a 37.3°C):	NA
LOWER EXPLOSION LIMIT (%):	NA	UPPER EXPLOSION LIMITY (%):	NA
pH:	7.8-8.8	VISCOSITY (cps):	NA
SOLUBILITY IN WATER:	Dispersable		
SOLUBILITY IN OTHERS:	NA		

SECTION V. FIRE FIGHTING MEASURES

FLASH POINT °C	TEST METHOD
NA	NA
EXTINGUISHING MEDIA:	
WATER FOG <input checked="" type="checkbox"/>	CO2 <input checked="" type="checkbox"/> FOAM <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> Dry chemicals
UNUSUAL FIRE AND EXPLOSION HAZARDS	NA
SPECIAL FIRE FIGHTING PROCEDURES	NA

CONDITIONS TO AVOID

NA

HAZARDOUS COMBUSTION PRODUCTS

Carbon oxide and carbon dioxide. Other unidentified organic compounds may be formed during the combustion of the product.

SECTION VI. REACTIVITY INFORMATION

STABILITY:

STABLE

UNSTABLE

CHEMICAL TO AVOID

NONE

WATER

ACIDS

ALKALIS

OXIDANTS

OTHER

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

MAY OCCUR (CONDITION TO AVOID)

HAZARDOUS COMBUSTION PRODUCTS

WILL NOT OCCUR

MAY OCCUR (CONDITION TO AVOID)

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SECTION VII. POTENTIAL HEALTH EFFECTS

A. HEALTH EFFECTS

ACUTE

CHRONIC

INGESTION

NA

NA

INHALATION

NA

NA

SKIN

Irritation

NA

EYES

Irritation

NA

HAZARDS

CARCINOGENIC

MUTAGENIC

THERATOGENIC

INCLUDED IN NOM 010 STPS

INCLUDED IN OTHER REFERENCES

NA

COMPLEMENTARY INFORMATION

TEST

RESULTS

ANIMAL SPECIES

NA

NA

NA

B. FIRST AIDS MEASURES

INGESTION

Induce vomiting, call a physician

INHALATION

NA

SKIN

Wash exposed areas with soap and water. Remove contaminated clothing and launder before reuse

EYES

Flush eyes immediately with plenty of water for at least 15 minutes. If irritation persists, call a physician

SECTION VIII. SPILL AND DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE OF SPILLAGE OR RELEASE

Where small spills occur, area should be flushed out with plenty of water. Large spills should be contained and collected for disposal

PERSONAL PROTECTION EQUIPMENT

GLOVES Rubber GOGGLES BOOTS COARSE OTHER safety glasses

Water source to flush eyes, other protective clothing may be needed if splashing occurs

WASTE DISPOSAL METHODS

Dispose of waste in accordance with all applicable Federal, state or local regulations.

SECTION IX. PERSONAL PROTECTION INFORMATION

VENTILATION REQUEST

GENERAL VENTILATION LOCAL VENTILATION UNNECESSARY IN NORMAL COND.

PERSONAL PROTECTION EQUIPMENT UNDER NORMAL USE CONDITIONS

GLOVES Rubber GOGGLES BOOTS COARSE OTHER safety glasses

SECTION X. TRANSPORT INFORMATION

NA

SECTION XI. ECOLOGICAL INFORMATION

NA

SECTION XII. SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS

Avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wash thoroughly after handling the product.

OTHERS

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