Material Safety Data Sheet

Required under USDL Safety and Health Regulations for Shipyard Employment (29 CFR 1915)

U.S. Department of Labor

Occupational Safety and Health Administration

10-2-86

OMB No. 218-0074
Expiration Date 05/31/86

Section I

Manufacturer's Name: IOWA PRISON INDUSTRIES

Emergency Telephone Number: 319-462-3547

Address (Number, Street, City, State, and ZIP Code): 406 NORTH HIGH ST. ANAMOSA, IA. 52205

Chemical Name and Synonyms:

Rec 11/8/86

Trade Name and Synonyms: LIME AND SCUM REMOVER

Chemical Family: CLEANER // ISOPROPYL ALCOHOL

Formula: BUTYL CELLOSOLVE

Section II - Hazardous Ingredients

Paints, Preservatives, and Solvents	%	TLV (Units)	Alloys and Metallic Coatings	%	TLV (Units)
Pigments		N/A	Base Metal		N/A
Catalyst		N/A	Alloys		N/A
Vehicle		N/A	Metallic Coatings		N/A
Solvents	8		Filler Metal Plus Coating or Core Flux		N/A
Additives		N/A	Others		N/A
Others		N/A			

Hazardous Mixtures of Other Liquids, Solids or Gases

	%	TLV (Units)
NONE		

Section III - Physical Data

Boiling Point (°F)	212	Specific Gravity (H_2O=1)	1.01
Vapor Pressure (mm Hg.)	N/A	Percent Volatile by Volume (%)	8%
Vapor Density (AIR=1)	N/A	Evaporation Rate ____ =1)	N/A

Solubility in Water: COMPLETE PH 12

Appearance and Odor: GREEN PINE ODOR

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	Lel	Uel
N/A	N/A		

Extinguishing Media: AS APPROPRIATE TO ADJACENT FIRE

Special Fire Fighting Procedures: PROTECTIVE CLOTHING FOR SKIN AND EYES SHOULD BE WORN

Unusual Fire and Explosion Hazards: NONE

Form OSHA-20 (Rev 3/84)

Bldg Maint
Cabinet "
Mech "

C E P.
Office

Section V - Health Hazard Data

Threshold Limit Value

N/A

Effects of Overexposure

CONTACT WITH UNCOVERED SKIN MAY CAUSE IRRITATION.

Emergency First Aid Procedures

IN THE EVENT OF EYE CONTACT RINSE WITH CLEAN WATER FOR SEVERAL MINUTES.

IF SWALLOWED DRINK LARGE QUANTITY OF WATER OR MILK. CONSULT A PHYSICIAN.

IN EVENT OF PROLONGED SKIN CONTACT RINSE WITH WATER.

Section VI - Reactivity Data

Stability	Unstable		Conditions to Avoid N/A
	Stable	X	

Incompatability (Materials to Avoid)

N/A

Hazardous Decomposition Products

N/A

Hazardous Polymerization	May Occur		Conditions to Avoid N/A
	Will Not Occur	X	

Section VII - Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled

FLUSH AWAY OR WIPE UP.

Waste Disposal Method

NO SPECIFIC PRECAUTIONS, MATERIALS ARE WATER SOLUBLE AND CONSIDERED TO BE BIODEGRADABLE.

Section VIII - Special Protection Information

Respiratory Protection (Specify Type)

Ventilation	Local Exhaust N/A	Special N/A
N/A	Mechanical (General) N/A	Other N/A

Protective Gloves YES	Eye Protection SAFETY GLASSES

Other Protective Equipment

SAFETY SHOWER, EYE BATH AND WASHING FACILITIES SHOULD BE AVAILABLE.

Section IX - Special Precautions

Precautions to be Taken in Handling and Storing

KEEP FROM FREEZING

Other Precautions

REMOVE AND CLEAN CONTAMINATED CLOTHING BEFORE REUSE.

KEEP ALL PREPARATIONS OUT OF REACH OF CHILDREN.