

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME HAIRUS CHEMICAL COMPANY		EMERGENCY TELEPHONE NO. (815)-223-1500
ADDRESS (Number, Street, City, State, and ZIP Code) 1500 EIGHTH ST. LASALLE ILLINOIS 61301		
CHEMICAL NAME AND SYNONYMS POTASSIUM PERMANGANATE		TRADE NAME AND SYNONYMS
CHEMICAL FAMILY	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H ₂ O=1)	
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (----- =1)	
SOLUBILITY IN WATER			
APPEARANCE AND ODOR BLACK POWDER - SLIGHT ODOR			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

INTERNAL - GIVE LEMON JUICE OR ORANGE JUICE TO DRINK - CONSULT PHYSICIAN

EXTERNAL - EYES - FLOOD WITH WATER FOR AT LEAST 15 MIN. - HOLD LIDS OPEN - DO NOT

NEUTRALIZE WITH OTHER CHEMICALS - SKIN - FLOOD WITH WATER - REMOVE STAINS WITH
A DILUTE SOLUTION OF SODIUM BISULFITE OR LEMON JUICE - CLOTHING - REMOVE FOR
WASHING

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

AVOID HEAT AND OTHER CHEMICALS

STABLE

INCOMPATIBILITY (Materials to avoid)

ACIDS, ORGANIC SOLVENTS, OILS, COMBUSTIBLE MATERIALS

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

FLUSH WITH WATER TILL NO LONGER PURPLE

WASTE DISPOSAL METHOD

SAME AS ABOVE

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

EYE PROTECTION

OTHER PROTECTIVE EQUIPMENT

use goggles if possibility of contact
with eyes

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

avoid heat and other chemicals

KEEP COVERED

OTHER PRECAUTIONS