

JIAOCHENG SANXI CHEMICAL CO LTD

YIWANG INDUSTRIAL ZONE, JIAOCHENG, SHANXI, CHINA

TEL: 00863517075331

FAX: 00863517076602

MATERIAL SAFETY DATA SHEET

NOTE:

NO REPRESENTATION IS MADE AS TO THE ACCURACY OF THE INFORMATION AND RECOMMENDATIONS HEREIN, SEE PAGE THREE FOR CONDITIONS UNDER WHICH DATA FURNISHED.

PRODUCT NAME	:	POTASSIUM NITRATE
NAME AND ADDRESS OF SUPPLIERS	:	JIAOCHENG SANXI CHEMICAL CO., LTD.
PRODUCT IDENTIFICATION		
SYNONYMS	:	POTASSIUM NITRATE TECHNICAL GRADE
	:	POTASSIUM NITRATE TV GLASS GRADE
	:	POTASSIUM NITRATE FINE GRADE
EPA REG. NO.	:	
C.A.S. NO.	:	<u>7757-79-1</u>
DOT PROPER SHIPPING NAME	:	POTASSIUM NITRATE
DOT HAZARD CLASS	:	III
DOT LABEL	:	OM
FREIGHT CLASSIFICATION	:	CLASS III
WARNING SHIPMENTS	:	NOTE
PRECAUTIONARY MEASURES:	:	KEEP AWAY FROM REDUCING AGENTS & ORGANIC SOLVENTS
EMERGENCY-FIRST AID PROCEDURES	:	WASH WITH WATER
OCCUPATIONAL CONTROL PROCEDURES	:	WASH WITH WATER
PROTECTIVE EQUIPMENT	:	NOT REQUIRED
EYE PROTECTION	:	NOT REQUIRED

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SKIN PROTECTION	:	HAND GLOVES TO BE USED WHILE USING IT
RESPIRATORY PROTECTION	:	NOT REQUIRED
VENTILATION	:	NOT NECESSARY
AIRBORNE EXPOSURE LIMITS	:	SAFE AT ALL LEVELS
PRODUCT	:	POTASSIUM NITRATE
FIRE PROTECTION INFORMATION		
FLASH POINT	:	DOES NOT IGNITE
IGNITION TEMPERATURE	:	NOT APPLICABLE
FLAMMABLE LIMITS	:	NOT FLAMMABLE
EXTINGUISHING MEDIA	:	NOT APPLICABLE
SPECIAL FIRE FIGHTING PROCEDURES	:	NOT APPLICABLE
PHYSIOLOGICAL EFFECTS SUMMARY	:	THE HUMAN BODY ABSORBS NITRATES BOTH THROUGH SKIN ABSORPTION AND DUST INHALATION AS WITH ALL CHEMICALS IN GENERAL LARGER QUANTITIES MAY CAUSE POISONING, AND THE DUST MAY IRRITATE THE EYES.
PHYSICAL DATA		
SPECIFIC GRAVITY@ 25°C	:	2.109
MELTING POINT	:	334°C
SOLUBILITY IN WATER	:	SOLUBLE
IN BENZENE	:	SOLUBLE
IN ACETONE	:	SOLUBLE
IN HEXANE	:	SOLUBLE
PARTITION CO. EFFICIENT	:	NOT APPLICABLE
APPEARANCE	:	WHITE PRILL

REACTIVITY DATA

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THERMALLY STABLE	:	STABLE UP TO 400⁰C
MATERIALS TO AVOID	:	IT SHOULD BE STORED AWAY FROM ORGANIC SOLVENTS, CARBON, SULPHUR AND OTHER REDUCING COMPUNDS
HAZARDOUS DECOMPOSTION PRODUCTS	:	DOES NOT DECOMPOSE IN NORMAL CONDITIONS UP TO 400⁰C
HAZARDOUS POLYMERZATION	:	DOES NOT POLYMERIZE
SPILL, LEAK & DISPOSAL INFORMATION		
WASTE DISPOSAL	:	MAY BE WASHED WITH WATER
SPILL OR LEAKAGE	:	MAY BE WASHED WITH WATER
CONTAINERS	:	MAY BE WASHED WITH WATER

NOTE:

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FOR JIAOCHENG SANXI CHEMICALS CO.,LTD.

AUTHORISE SIGNATORY