

SECTION 1: Product	Identification			(Tro)
Chemical Name:	Palladium (II) nitrate	hydrate(Pd appro	x. 40%) (99.9%-Pd)	R .
Product Number:	123		- M	
CAS Registry Number	10102-05-3			8
Formula:	Pd(NO3)2.XH2O		Elin	
EINECS Number	233-265-8		47	
Chemical Farily.	metal nitrate salts		J. C.	
Synonym:	Palladium dinitrate, N	Nitric acid, palladiu	ແລ້ (+2) salt	
SECTION 2: Composi	ition and Informa	tion on Ingred	ients	
Ingredient	CAS Number	Percent	ACGIH (TWA)	OSHA (PEL)
itle Compound	10102-05-3	100	no data	no data
SECTION 3: Hazards Identification				
Emergency Overview:	Irritating to eyes, skir	n and respiratory t	ract. May be harmful	if swallowed.
Primary Routes of	Ingestion			NY.
Exposure:				and the second s
Eye Contact:	Causes slight to mild	l irritation of the ey	/es	all 3
Skin Contact:	Causes slight to mild	l irritation of the sk	cin.	
Inhalation:	Irriting to the nose,	mucous membra	nes and respiratory t	ract.
Ingestion:	Insestion may lead to weakness, and conv		ninal cramps, vomitir	ng, bloody diarrhea,
Acute Health Effects:	rritating to skin, eyes	s and respiratory t	ract.	431 3
Chronic Health Effects:	No information availa	able on long-term	chronic effects.	
NTP:	No		1	
IARC:	No			
OSHA:	No			
SECTION 4: First Aid	Measures			



陕西开达化工有限责任公司 SHAANXI KAIDA CHEMICAL ENGINEERING CO., LTD

Eye Exposure:	Immediately flush the eyes with copious amounts of water for at lease 10-15 minutes.
	A victim may need assistance in keeping their eye lids open. Get immediate medical
	attention.
Skin Exposure:	Wash the affected area with water. Remove contaminated clothes if necessary. Seek
Skill Exposule.	inedical assistance if irritation persists.
Le Ce	2 Ars
Mrs.	Remove the victim to fresh air. Closely monitor the victim for signs of respiratory
Inhalation:	problems, such as difficulty in breathing, coughing wreezing, or pain. In such cases
	seek immediate medical assistance.
Ingestion	Seek medical attention immediately. Keep the victim calm. Give the victim water
- Ingood of I	(only if conscious). Induce vomiting only indirected by medical personnel.
SECTION 5: Fire Fig	hting Measures
Flosh Point:	not applicable
122	
Autoignition	
Remperature:	none
Explosion Limits:	none
Extinguishing Medium:	carbon dioxide, foam or dry powder
	Q.F.
Special Fire Fighting	If this product is involved in a fire, fire fighters should be equipped with a NIOSH
Procedures:	approved positive pressure self-contained breathing apparatus and full protective
	clothing.
Hazardous	
Combustion and	If involved in a fire this material may emit irritating fumes.
Decomposion	uls lo
Products:	
11 I =	
Unusual Fire or	Metal nitrates can be oxidizers. Contact with strong reducing agents could lead to
Explosion Hazards:	fires and/or explosions.
SECTION 6. Addition	tal Release Measures
SECTION 0. ACTION	
Spill and Leak	
Procedures.	Small spills can be mixed with vermiculite or sodium carbonate and swept up.
	<u></u>
SECTION 7: Handlin	g and Storage
Handing and Storage:	Store in a tightly sealed container. Keep away from heat and direct sunlight.
SECTION 8. Exposur	e Controls and Personal Protection
	e controls and refsonati notection
Eye Protection:	Always wear approved safety glasses when handling a chemical substance in the
Eye Protection:	Always wear approved safety glasses when handling a chemical substance in the



陕西开达化工有限责任公司 SHAANXI KAIDA CHEMICAL ENGINEBRING CO., LTD

		laboratory.	
	Skin Protection:	Wear protective clothing and gloves	
	Ventilation:	If possible, handle the material in an efficient fume hood.	
	Respirator:	If ventilation is not available a respirator should be work. The use of respirators requires a Respiratory Protection Program to be in compliance with 29 CFR 1910.134.	
	Additional Protection:	No additional protection required.	
	SECTION 9: Physical	and Chemical Properties	
-	Color and Form:	brown xtl.	
	Molecular Weight:	230.72	
	Melting Point:	dec.	
	Boiling Point:	no data	
3	Vapor Pressure:	not applicable	
	Specific Gravity:	no data	3) 1
	Odor:	none	
	Solubility in Water:	very soluble	
	SECTION 10: Stabilit	y and Reactivity	
	Stability:	air and moisture stable	
	Hazardous Polymerization:	no azardous polymerization	
	Conditions to Avoid:	Contact with strong reducing agents or organic matter. Some nitrates can explode if heated to high temperatures.	
	Incompatibility	reducing agents, organic matter, phosphorus and suited	
	Decomposition Products:	nitrogen oxides and palladium salts	
	SECTON 11: Toxicol	ogical Information	
	RTECS Data:	Intraperitoneal (rat); DNA inhibition: 56 umol/kg.	
	Carcinogenic Effects:	No data available	

陕西开达化工有限责任公司 SHAANXI KAIDA CHEMICAL ENGINEERING CO., LTD

KAIDA

Mutagenic Effects:	Possible mutagenic effects reported in RTECS
Tetratogenic Effects:	No data available
SECTION 12: Ecolog	ical information
Ecological Information	No data available
SECTION 13: Dispes	al Considerations
Disposal:	Dispose of according to local, state and federal regulations.
SECTION	portation
Shipping Name (CFR):	Nitrates, Inorganic, N.O.S.
Hazard Class (CFR):	5.1
Additional Hazard Class (CFR):	NA
Packaging Group (CFR):	11
UN ID Number (CFR):	UN# 1477
Shipping Name (IATA):	Nitrates, Inorganic, N.O.S.
Hazard Class (IATA):	5.1
Additional Hazard Class (IATA):	NA
Packaging Group (IATA):	
UN ID Number (IAT/	UN# 1477
SECTION 15: Regula	tory Information
TSCA:	Listed in the TSCA inventory.
SARA (Title 313):	Title Compound: See Category Code N511 for reporting.
Second Ingredient:	none