

Revised
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MATERIAL SAFETY DATA SHEETS

AS 203 NICKEL ANTI-SEIZE

1. GENERAL INFORMATION

PRODUCT NAME:
CHEMICAL FAMILY:

AS 203
Anti-Seize Lubricating Compounds

2. COMPOSITION

	CAS #	OSHA/PEL	TLV	SARA III	PROP65	PERCENT
NICKEL, AS DUST OR FLUME	7740-02-0	1mg/m3	1mg/m3	YES	NO	18-30
PETROLEUM OIL, AS MIST	MIXTURE	5mg/m3	5m/m3	NO	NO	50-70
ALUMINUM AS DUST	7429-90-5	5mg/m3	5m/m3	YES	NO	1-5
GRAPHITE PURIFIED	7440-44-0	15mg/m3	15mg/m3	NO	NO	10-30

3. PHYSICAL PROPERTIES

BOILING POINT: DOES NOT APPLY
MELTING POINT: DOES NOT APPLY
VAPOR PRESSURE: NO DATA
EVAPORATION RATE: 0
APPEARANCE AND ODOR:

SOLUBILITY IN WATER: NIL
REACTIVITY IN WATER: NONE
SPECIFIC GRAVITY: 1.2
PERCENT VOLATILE: 0
NICKEL COLORED PASTE, GREASE LIKE ODOR

4. FIRE AND EXPLOSION DATA

FLASH POINT AND METHOD USED:
FLAMMABLE LIMITS:
EXTINGUISHING MEDIA:
SPECIAL FIRE FIGHTING PROCEDURES:

> 450F, C.O.C
LEL. NO DATA UEL: NO DATA
FOAM, CO2, DRY CHEMICAL
THIS COMPOUND WILL NOT BURN UNLESS IT IS PRE-HEATED WATER FOG MAY BE USED TO COOL THE CONTAINERS BUT DO NOT SPRAY DIRECTLY INTO LARGE CONTAINERS OF BURNING LIQUIDS AS FROTHING MAY OCCUR
WEAR A N.I.O.S.H. APPROVED ORGANIC VAPOR RESPIRATOR
DENSE SMOKE AND NOXIOUS OR TOXIC FUMES MAY BE GENERATED IN A FIRE, FIRE FIGHTERS SHOULD WEAR A SELF CONTAINED BREATHING APPARATUS

UNUSUAL FIRE AND EXPLOSION HAZARDS:

5. PHYSICAL HAZARDS

STABILITY:
CONDITIONS TO AVOID:
INCOMPARABILITY:
HAZARDOUS DECOMPOSITION PRODUCTS:

STABLE
STORAGE AROUND STRONG OXIDIZERS OR PEROXIDE
MAY REACT WITH STRONG OXIDIZERS
THE THERMAL DECOMPOSITION PRODUCTS ARE HIGHLY DEPENDANT UPON THE COMBUSTION CONDITIONS. NOXIOUS OR TOXIC FUMES MAY BE GENERATED, SOME OF WHICH MAY BE TOXIC OR IRRITATING
WILL NOT OCCUR

HAZARDOUS POLYMERIZATION:

6. HEALTH HAZARDS AND FIRST AID

HEALTH HAZARDS:

NICKEL POWDER AND NICKEL OXIDE HAVE CAUSED TUMORS AT THE SITE OF INJECTION IN RODENTS HOWEVER, STUDIES OF NICKEL CONTAINING PROSTHESES DO NOT SUGGEST A SIGNIFICANT RISK TO HUMANS. PROLONGED AND REPEATED SKIN CONTACT WITH METALLIC NICKEL CAN CAUSE NICKEL SENSITIVITY RESULTING IN ALLERGIC SKIN RASHES.



MATERIAL SAFETY DATA SHEETS

AS 203 NICKEL



SKIN:	WASH WITH SOAP AND WATER, USING A NAIL BRUSH PAY PARTICULAR ATTENTION TO FINGER NAILS AND OPEN WOUNDS
EYES:	THIS PRODUCT COULD CAUSE SOME MECHANICAL IRRITATION IF GOTTEN INTO THE EYES AND RUBBED FLUSH EYE WITH WATER FOR 15 MINUTES, LIFTING THE EYELIDS IF IRRITATION PERSISTS CONSULT A PHYSICIAN
INGESTION:	IF INGESTED THIS PRODUCT IS NOT EXPECTED TO CAUSE AN ACUTE REACTION THIS PRODUCT CONTAINS A PETROLEUM OIL, DO NOT INDUCE VOMITING, BECAUSE THE OIL MAY BE ASPIRATED INTO THE LUNGS USE A GASTRIC LAVAGE, AND CALL A POISON CONTROL CENTER OR A PHYSICIAN
INHALATION:	NOT LIKELY UNDER NORMAL CONDITIONS OF USE IF USING IN HIGH TEMPERATURE APPLICATIONS WHERE THERMAL DECOMPOSITION IS LIKELY, USE A LOCAL EXHAUST TO REMOVE FUMES IF DIZZINESS OR IRRITATION OCCURS, SEEK FRESH AIR

7. SPECIAL PRECAUTIONS AND SPILL PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE AWAY FROM STRONG OXIDIZERS, DO NOT TRANSFER TO AN UNMARKED CONTAINER. KEEP AWAY FROM CHILDREN

OTHER PRECAUTIONS: DO NOT ALLOW THIS MATERIAL TO ENTER SEWERS OR WATERWAYS.

SPILL/LEAKAGE PROCEDURES: BECAUSE OF THE GREASE LIKE NATURE OF THIS PRODUCT LEAKS ARE NOT EXPECTED. SCOOP BACK INTO THE CONTAINER

WASTE DISPOSAL: THIS COMPOUND MAY BE A REGULATED WASTE IN CERTAIN AREAS OF THE COUNTRY. FOLLOW LOCAL, STATE, AND FEDERAL GUIDELINES DISPOSE OF AT AN APPROVED FACILITY. DO NOT DISPOSE OF INTO WATERWAYS OR SEWERS.

8. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NORMALLY NOT REQUIRED, IF THIS PRODUCT IS BEING USED IN HIGH TEMPERATURE APPLICATION WHERE THE PRODUCT "SMOKES" USE A LOCAL EXHAUST OR VENTILATE THE AREA TO MAINTAIN THE AIR QUALITY, OR USE A "NIOSH" APPROVED ORGANIC VAPOR RESPIRATOR IF AN INDIVIDUAL IS REMOVING, DRY, FLAKY MATERIAL! USE A DUST RESPIRATOR

PROTECTIVE GLOVES: NORMALLY NOT REQUIRED IF PROLONGED OR REPEATED SKIN CONTACT IS EXPECTED USE A LATEX GLOVE

EYE PROTECTION: SAFETY GLASSES ARE RECOMMENDED

WORK/HYGIENIC PRACTICES: USE GOOD STANDARD PRACTICES WHEN USING THIS MATERIAL DO NOT EAT OR SMOKE WHILE USING, AND THOROUGHLY WASH WITH SOAP AND WATER, USING A NAIL BRUSH AFTER USING

9. REGULATORY INFORMATION

CALIFORNIA PROPOSITION 85: NICKEL
OZONE DEPLETING SUBSTANCES: NONE
SARA TITLE III: NICKEL
CERCLA: NICKEL

RCRA: NO
DOT SHIPPING CLASS: NOT HAZARDOUS
TASCA INVENTORY: ALL INGREDIENTS LISTED
NFPA RATING: H-1, F-0, R-0

Engineering Excellence

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www.instantca.com