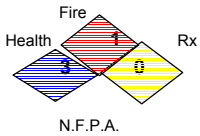

H.M.I.S. RATING

HEALTH	3
FIRE	1
REACTIVITY	0
P.P.E.	E

HAZARD RATING
4= Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant
* Chronic Health Hazard

MATERIAL SAFETY DATA SHEET

ARC INTERNATIONAL
10955 WITHERS COVE PARK DR.
CHARLOTTE, NC 28278
CORPORATE (800)588-4569

704-746-8240 24 HR. EMERGENCY

DATE PREPARED:	2/26/2009
DATE REVISED:	01/16/07
DATE OF ORIGINATION	7/22/1994

I. PRODUCT IDENTIFICATION: OPTICLEAN POWDER

COMMON NAME:	Cleaning Compound
GENERIC NAME:	Cleaner
CHEMICAL:	Mixture
CHEMICAL FAMILY:	

II. HAZARDOUS INGREDIENTS:

Ingredients-	CAS	%	OSHA PEL	ACGIH TLV
DISODIUM TRIOXOSILICATE	6834-92-0	61	NE	NE

* Ingredients containing chemicals reportable under SARA Title III, Sec. 313. See MSDS Sec, IX.

III. PHYSICAL / CHEMICAL CHARACTERISTICS:

BOILING POINT:	>212 F	APPEARANCE:	blue
SPECIFIC GRAVITY:	0.7950	FORM:	powder
MELTING POINT: (F)	nd	ODOR:	fresh
FREEZING POINT: (F)	nd	VAPOR DENSITY:	nd
SOLUBILITY(H2O) 25 C:	SOLUBLE	pH	ND

IV. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: DEGREES F: Less than 300F, More than 200F
AUTO IGNITION TEMPERATURE: (F) nd
LEL: nd UEL: n/d
EXTINGUISHING MEDIA: Product will not burn. Water may be used to cool fire-exposed containers. Wear self-contained breathing apparatus with full face piece.

UNUSUAL FIRE / EXPLOSION HAZARDS:
Closed containers exposed to heat may rupture due to pressure buildup.

HAZARDOUS DECOMPOSITION PRODUCTS: carbon oxides, hydrocarbons, steam

V. REACTIVITY:

STABILITY: Stable
CONDITIONS TO AVOID: none known

VI. HEALTH HAZARDS:

ROUTES AND INDICATIONS OF EXPOSURE: PRECAUTIONS: Avoid Any Contact .Use With Adequate Ventilation; Avoid Vapor, Wash After Use.

EYES: Corrosive, prevent contact.

SKIN: Avoid inhalation of vapor and mist.

INHALATION: May cause respiratory irritation.

INGESTION: Causes gastric disturbances.

TOXICITY DATA: None as listed by OSHA, NTP, IARC, or EPA .
.

EMERGENCY FIRST AID:

EYES:
Flush eyes for fifteen minutes with water. If irritation develops, seek medical attention.

SKIN:
Wash exposed areas with soap and water. If irritation develops, seek medical attention.

INHALATION: Remove victim to fresh air or supply oxygen. Administer artificial respiration if victim is unconscious. Seek medical attention if victim is overcome by vapors or breathing difficulty persists.

INGESTION: Seek medical attention immediately. If conscious, give victim two glasses of water to dilute ingested material. Do not induce vomiting. If victim begins to vomit involuntarily, keep head below hips to prevent aspiration; monitor for breathing difficulty.

VII. SPILL , DISPOSAL PROCEDURES AND SPECIAL HANDLING PRECAUTIONS:

HANDLING:

Keep container closed when not in use. Store at room temperature in well ventilated areas. Prevent product from freezing. Follow MSDS and label warnings even after package is empty. Product applications which generate dust, mist, or fumes may require exposure limit modification.

IN CASE OF MATERIAL SPILLAGE:

Wear protective equipment (Sec. VIII) Neutralize spilled material .
Contain, then retrieve spilled materials (absorb, pump, vacuum, shovel) immediately ; prevent run off to drains , sewers , streams or other public water ways. See waste disposal section.
For assistance call 704-746-8240 24 HR. EMERGENCY

WASTE DISPOSAL:

This material has a characteristic hazard which would regulate it under the federal regulation, Resource Conservation and Recovery Act. You should evaluate your waste before disposal.

Dispose of in accordance with all federal, state and local regulations.
This material is not covered under S.A.R.A.(III) sec. 313.

VIII. PERSONAL PROTECTIVE EQUIPMENT (P.P.E.):

PROTECTIVE EQUIPMENT:

Wear safety goggles, impervious gloves, and dust/mist respirator.

RESPIRATORY PROTECTION:

Supplied-air respiratory protection is recommended for confined spaces. Product should be used only if sufficient ventilation is provided to prevent inhalation of vapors. Ensure exposure levels are maintained below TLV/PELs.

ENGINEERING CONTROLS:

Keep containers closed when not in use. Do not handle or store near strong oxidants.

PERSONAL HYGIENE:

Minimize inhalation of vapors. Avoid skin contact.
Remove contaminated clothing and wash before reuse. Rinse skin thoroughly after contact.

IX. REGULATORY INFORMATION

UN / NA #	UN1759
D.O.T. SHIPPING NAME:	CORROSIVE SOLIDS , N.O.S.
(contains DISODIUM TRIOXOSILICATE -	
(RQ) Reportable Quantity lbs. =	>50000
D.O.T. HAZARD CLASSIFICATION:	8 , UN1759, P.G. III
D.O.T. EMERGENCY RESPONSE GUIDE NUMBER:	154
R.C.R.A. :	yes

S.A.R.A. III Sec. 311 & 312:	acute,
S.A.R.A. III Sec. 313:	This material is not covered under S.A.R.A.(III) sec. 313.

NO WARRANTY IS EXPRESSED OR IMPLIED FOR SUITABILITY IN ALL SYSTEMS AND OPERATIONS. TEST THOROUGHLY FOR USE IN YOUR SYSTEM. OUR LIABILITY IS LIMITED TO REPLACEMENT OF PRODUCT OR PURCHASE PRICE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THIS PRODUCT IS SUITABLE FOR THEIR PURPOSES.