

CHEMICAL SHARPENER
MATERIAL SAFETY DATA SHEET

01/11/00

MSDS PROVIDED BY:
STOODY INDUSTRIAL AND WELDING SUPPLY, INC.
3316 National Ave., San Diego, Ca. 92113
Phone: (619) 234-6750
MILITARY EMERGENCY RESPONSE NUMBER 1-800-851-8061

01/11/00

VERSION DATE 01/03/96 (REPRODUCED SIWS)

CHEMICAL SHARPENER

SECTION 1

PRODUCT IDENTIFICATION

COMPANY NAME WHO PROVIDED MSDS.....	HARRIS WELCO. DIV. OF J.W. HARRIS CO., INC.
COMPANY ADDRESS.....	1051 YORK RD KINGS MOUNTAIN, NC 28086
EMERGENCY PHONE NUMBER.....	(800)-424-9300
MSDS VERSION NUMBER.....	2
TRADE NAME.....	CHEMICAL SHARPENER
HAZARD RATING (HMIS).....	HEALTH - 2 FLAMMABILITY - 0 REACTIVITY - 1
HMIS DESIGNATED KEY.....	4-SEVERE HAZARD 3-SERIOUS HAZARD 2-MODERATE HAZARD 1 -SLIGHT HAZARD 0--MINIMAL HAZARD

SECTION 2

HAZARDOUS COMPONENTS

<u>MATERIAL</u>	<u>% BY WEIGHT</u>	<u>CAS NUMBER</u>	<u>ACGIH TLV (Mg/M3)</u>	<u>SEC 313</u>
SODIUM NITRITE	100	7632-00-1	2 MG/M3	YES

SECTION 3

PHYSICAL PROPERTIES

BOILING POINT.....	320C DECOMPOSES
MELTING POINT.....	271C
VAPOR PRESSURE.....	NA
VAPOR DENSITY (AIR=1).....	NA
SOLUBILITY IN WATER.....	SOLUBLE
SPECIFIC GRAVITY.....	2.17
EVAPORATION RATE.....	NA
APPEARANCE AND ODOR.....	WHITE TO YELLOW CRYSTALS, NO ODOR

SECTION 4

FIRE AND EXPLOSION DATA

FLASH POINT.....	NA
EXRINGUISHING MEDIA.....	WATER FOG
SPECIAL PROCEDURES.....	SPRAY WITH WATER WHEN FIRE IS IN EARLY STAGES. IN LARGER FIRE, NITRITE MAY FUSE OR MELT, IN WHICH CONDITION, WATER MAY CAUSE MOLTEN TO SCATTER.
UNUSUAL HAZARDS.....	EXPLODES WHEN HEATED TO 538C OR UPON CONTACT WITH CYANIDE.

SECTION 5

REACTIVITY DATA

STABILITY.....	STABLE
CONDITIONS TO AVOID.....	STRONG OXIDIZERS. IN CONTACT WITH READILY OXIDIZED MATERIALS, A FIRE OR EXPLOSION MAY OCCUR.
HAZARDOUS POLYMERIZATION.....	WILL NOT OCCUR.
INCOMPATIBILITY.....	REDUCING MATERIALS, CYANIDES, ORGANIC MATTER.
HAZARDOUS DECOMPOSITION PRODUCTS.....	NONE

SILVER STREAK

MATERIAL SAFETY DATA SHEET

SECTION 6

HEALTH HAZARD DATA

ROUTES OF ENTRY	INHALATION, SKIN, INGESTION.
HEALTH HAZARDS	EYE AND SKIN IRRITANT. MECHANICAL IRRITANT OR RESPIRATORY TRACT. INGESTION OF LARGE AMOUNTS MAY CAUSE NAUSEA, VOMITING, CYANOSIS, CONVULSIONS, AND COMA. CHRONIC EXPOSURE MAY CAUSE HEADACHES AND DECREASED BLOOD PRESSURE.
CARCINOGENICITY	NTP – NA, IARC MONOGRAPHS – NA, OSHA – NA.
SIGNS & SYMPTOMS OF EXPOSURE.....	MAY CAUSE IRRITATION TO SKIN AND EYES.
MEDICAL CONDITIONS FROM EXPOSURE	SEE ABOVE.
EMERGENCY & FIRST AID.....	EYES – GET MEDICAL ATTENTION. SKIN – WASH AFFECTED AREAS WITH SOAP & WATER. CALL PHYSICIAN. HALATION – MOVE TO FRESH AIR. INGESTION – INDUCE VOMITING.
ADDITIONAL INFORMATION.....	NA

SECTION 7

PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL AND LEAK PROCEDURES.....	SPILLS SHOULD BE CONTAINED AND PLACED IN SUITABLE CONTAINERS FOR DISPOSAL IN A LICENSED FACILITY. BURY AS A SOLID IN A LICENSED FACILITY. DO NOT DISCHARGE INTO WATERWAY OR SEWER SYSTEMS.
WASTE AND DISPOSAL METHOD.....	COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
HANDLING AND STORING PRECAUTIONS.....	TEMPERATURES OF 4 – 35C (40 – 95F) IN ORDER TO PRESERVE STABILITY.
OTHER PRECAUTIONS.....	NA

SECTION 6

CONTROL MEASURES

RESPIRATORY MEASURES.....	DUST MASK IF CONDITIONS WARRANT.
VENTILATION	LOCAL EXHAUST ADEQUATE
PROTECTIVE GLOVES	RUBBER OR PLASTIC
EYE PROTECTION	CHEMICAL GOGGLES.
OTHER PROTECTIVE EQUIPMENT	COVERALLS TO PROTECT CONTACT WITH SKIN.
WORK/HYGIENIC PRACTICES	FOR MAXIMUM SAFETY: BE CERTIFIED FOR AND WEAR A RESPIRATOR AT ALL TIMES WHEN WELDING AND OR BRAZING.

SECTION 9

DISCLAIMER

THIS DATA IS BELIEVED TO BE ACCURATE. HARRIS WELCO MAKES NO WARRANTY TO AND DISCLAIMS ALL LIABILITY FROM RELIANCE.

SECTION 10

ADDITIONAL INFORMATION

NEW JERSEY RIGHT TO KNOW INFORMATION:
SODIUM NITRITE CAS # 7632-00-1
NA = NOT APPLICABLE