
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

SCRAP IRON**MSDS ID: 03939**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SCRAP IRON
PRODUCT DESCRIPTOR: RUST REMOVER, LAUNDRY
MANUFACTURER: JOHNSON DIVERSEY, INC. EMERGENCY PHONE NUMBER: (800) 851-7145
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

II. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME(CAS NUMBER)	%	EXPOSURE LIMITS	UNITS
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HYDROFLUORIC ACID (1341-49-7)	<5	3 TLV	PPM

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: YES
SKIN: YES
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: CORROSIVE TO SKIN CAUSES BURNS NOT APPARENT AT ONCE
CHRONIC: SAME AS ACUTE
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
Sensitive skin

IV. FIRST AID MEASURES

EYES: FLUSH THOROUGHLY WITH FRESH WATER. GET MEDICAL ATTENTION.
SKIN: FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. MAY
CAUSE BURNS NOT READILY APPARENT.
INGESTION: GIVE MILK, WATER OR EGG WHITES-DO NOT INDUCE VOMITING-TREAT FOR
HYDROFLURIC ACID CONTENT. GET MEDICAL ATTENTION.
INHALATION: N/A IN NORMAL OPERATION

V. FIRE FIGHTING MEASURES

FLASH POINT: NONE DEG F FLAME EXTENSION: N/A IN.
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: NONE UEL: NONE
UNUSUAL FIRE OR EXPLOSION HAZARDS: LIQUID IN CONTACT WITH METALS WILL PRODUCE
HYDROGEN
EXTINGUISHING MEDIA: WATER
FIRE FIGHTING INSTRUCTIONS: KEEP FULL CONTAINER COOL WITH WATER

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VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: FLUSH MINOR AMOUNTS TO STORM DRAIN AND FOLLOW WITH ALKALINE NEUTRALIZATION; OR NEUTRALIZE SPILLS WITH NAHCO 3 AND DISPOSE OF.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: DO NOT PRESSURE CONTAINER TO EMPTY. DO NOT STORE CONCENTRATE OR DILUTE SOLUTIONS IN METAL CONTAINER. DO NOT SWALLOW. KEEP BUNGS IN CONTAINERS.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: FACE SHIELD
PROTECTIVE GLOVES: ACID RESISTANT
RESPIRATORY PROTECTION: NONE
OTHER PROTECTIVE CLOTHING/EQUIPMENT: BOOTS AND APRON WHEN WORKING IN THE WET AREA WITH THIS PRODUCT.
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILIING POINT (F): >200 SPECIFIC GRAVITY: 1.0400
VOLATILE BY VOLUME: 80 SOLUBILITY IN WATER: 100
VAPOR PRESSURE (MMHG): 17.5 AT 20 C
APPEARANCE AND ODOR: LIGHT GREEN LIQUID; SLIGHTLY ACRID

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: GLASS, FERROUS ALLOYS
HAZARDOUS DECOMPOSITION PRODUCTS: HYDROGEN FROM METAL ATTACK WITH INCOMPLETE COMBUSTION.
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: PH ADJUSTMENT; CALCIUM OXIDE TO PRECIPITATE FLUORIDES. USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER TRIPLE RINSE WITH WATER, ADD TO OPERATION REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL

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XIV. TRANSPORT INFORMATION

HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING NAME:
Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:
CERCLA/EPCRA:SECTION 313 TOXIC CHEMICALS:
ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.
LISTED CARCINOGEN: NONE
NTP: NO IARC: NO OSHA: NO
HMIS RATINGS: HEALTH: FIRE: REACTIVITY:
PERSONAL PROTECTIVE EQUIPMENT:
STATE RIGHT-TO-KNOW INFORMATION:
AMMONIUM HYDROGEN FLUORIDE - CAS #1341-49-7
WATER - CAS #7732-18-5
C.I. ACID VIOLET #76 DYE - CAS #61901-47-1

XVI. OTHER INFORMATION

THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED OTHER THAN AS RECOMMENDED BY DIVERSEY LEVER OR IN COMBINATION WITH OTHER MATERIALS. IT IS THE USER'S RESPONSIBILITY TO EVALUATE THE APPLICABILITY OF THIS INFORMATION FOR HIS PARTICULAR CONDITIONS OF STORAGE, HANDLING AND USE.