

MATERIAL SAFETY DATA SHEET

CRUD RELEASE CLEANER & DEGREASER



MSDS DATE: 7/31/2010

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Crud Release Heavy Duty Cleaner & Degreaser

SYNONYMS:

PRODUCT CODES: #11080, 11084

MANUFACTURER: RJ Star, Inc.

ADDRESS: 11469 8th St NE – Hanover, MN 55341

EMERGENCY PHONE: 763-497-5155

FAX PHONE: 763-497-5125

PRODUCT USE: Spray-on cleaning and degreasing product

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:	CAS NO.	% WT	% VOL	SARA 313 REPORTABLE
Glycol Ethers	111-76-2	2-4	2-4	Y
	OSHA PEL-TWA:	25 ppm skin	ACGIH TLV-TWA: 20 ppm skin	
Sodium Hydroxide	1310-73-2	< 2	< 2	Y
	OSHA PEL-TWA:	2 mg/m3	ACGIH TLV-TWA: 2 mg/m3	

SECTION 3: HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Inhalation/Skin/Ingestion

POTENTIAL HEALTH EFFECTS

EYES: May cause irritation and burns with prolonged contact.

SKIN: Prolonged or repeated exposure may cause skin irritation and burns with prolonged contact.

INGESTION: Can cause tissue damage in mouth and throat if swallowed.

INHALATION: Vapor can cause irritation or burns to mucous membranes

ACUTE HEALTH HAZARDS: None known

CHRONIC HEALTH HAZARDS: Excessive exposure may cause irritation to upper respiratory tract.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

**MATERIAL SAFETY DATA SHEET
CRUD RELEASE CLEANER & DEGREASER**



MSDS DATE: 7/31/2010

CARCINOGENICITY

OSHA: N/A

ACGIH: N/A

NTP: N/A

IARC: N/A

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush with plenty of water for at least 15 minutes. Rinse with boric acid solution. Get immediate medical attention.

SKIN: Flush with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes.

INGESTION: If swallowed, drink large amounts of water. Do not induce vomiting. Get immediate medical attention.

INHALATION: Remove to fresh air.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A

FLASH POINT: > 212 F

NFPA HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 0 **INSTABILITY:** 0

SPECIAL HAZARDS: NONE

HMIS HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 0 **PHYSICAL HAZARD:** 0

PERSONAL PROTECTION: B

EXTINGUISHING MEDIA: Water

SPECIAL FIRE FIGHTING PROCEDURES: Not considered a fire hazard

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, possibly Carbon Monoxide

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Flush affected area with water

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Keep in original container. Keep from freezing.

OTHER PRECAUTIONS: Keep product away from children.

MATERIAL SAFETY DATA SHEET

CRUD RELEASE CLEANER & DEGREASER



MSDS DATE: 7/31/2010

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Standard industrial practices

RESPIRATORY PROTECTION: Standard industrial practices

EYE PROTECTION: Protective eyeglasses or chemical safety goggles

SKIN PROTECTION: Protective gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Standard industrial practices

WORK HYGIENIC PRACTICES: Standard industrial hygienic practices

EXPOSURE GUIDELINES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Yellowish liquid

ODOR: Clean scent

PHYSICAL STATE: Liquid

pH AS SUPPLIED: 13

BOILING POINT

F: 212

C: 100

MELTING POINT: N/A

F:

C:

FREEZING POINT

F: 32

C: 0

VAPOR PRESSURE (mmHg): 760

@

F: 77

C: 25

VAPOR DENSITY (AIR = 1): N/A

@

F:

C:

SPECIFIC GRAVITY (H₂O = 1): 1.07

@

F: 77

C: 25

EVAPORATION RATE: < 1

BASIS (=1)

**MATERIAL SAFETY DATA SHEET
CRUD RELEASE CLEANER & DEGREASER**



MSDS DATE: 7/31/2010

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: Soluble

VOLATILE ORGANIC COMPOUNDS (VOC): 0.3 lb/gallon (39.9 g/liter)

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY (MATERIAL TO AVOID): N/A

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Dioxide, possibly Carbon Monoxide

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not hazardous when used as directed

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Biodegradable

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Flush to sewer with water

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Cleaning Compound, N.O.S.

HAZARD CLASS: N/A

ID NUMBER: N/A

PACKING GROUP: N/A

LABEL STATEMENT: N/A

FREIGHT CLASS: Class 55

**MATERIAL SAFETY DATA SHEET
CRUD RELEASE CLEANER & DEGREASER**



MSDS DATE: 7/31/2010

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): N/A

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N/A

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A

311/312 HAZARD CATEGORIES: N/A

313 REPORTABLE INGREDIENTS: YES

SECTION 16: OTHER INFORMATION

DISCLAIMER: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of their use.