

SAFETY DATA SHEET

U.S. HazCom GHS Format



Date Issued : 9/3/2014

MSDS No : 26

Date Revised : 2/24/2015

Revision No : 2

REMOVE IR26**1. PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME:** REMOVE IR26**GENERAL USE:** Removes ink from screen-printing screens**PRODUCT DESCRIPTION:** Ink Remover**PRODUCT CODE:** SCRP544, SCRP54400SG55C, SCRP54400ZG1X5, SCRP54400PG001, SCRP54400PQ001**MANUFACTURER**

SAATI

Chemicals

201 Fairview St. Extension

Fountain Inn, SC 29644

Emergency Contact: Ross Balfour**Emergency Phone:** 847-942-1719**Alternate Emergency Phone:** 864-601-8710**Customer Service:** 800-431-2200**Transportation:** 864-601-8305**E-Mail:** info.us@saati.com, <http://msds.saatiexpress.com>**PN:** S-9244**24 HR. EMERGENCY TELEPHONE NUMBERS**INFOTRAC 800-535-5053 or 352-323-3500, 24-hours
everyday**2. HAZARDS IDENTIFICATION****GHS CLASSIFICATIONS****Health:**

Eye Irritation, Category 2A

Acute Toxicity (Oral), Category 4

GHS LABEL

GHS07

SIGNAL WORD: WARNING**HAZARD STATEMENTS**

H319: Causes serious eye irritation.

H302: Harmful if swallowed.

PRECAUTIONARY STATEMENT(S)**Prevention:**

P264: Wash skin thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P270: Do not eat, drink or smoke when using this product.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330: Rinse mouth.

Disposal:

P501: Dispose of contents/container in accordance with federal/state/local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Butyldiglycol	25 - 50	112-34-5
Dimethyl succinate	5 - 15	106-65-0
Dimethyl adipate	5 - 15	627-93-0

4. FIRST AID MEASURES

EYES: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

SKIN: Wash off with soap and plenty of water. Consult a physician.

INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

INHALATION: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides

FIRE FIGHTING EQUIPMENT: Wear self contained breathing apparatus for fire fighting if necessary.

HAZARDOUS DECOMPOSITION PRODUCTS: Not Available

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

LARGE SPILL: Contain spilled material. Absorb with inert material (e.g., clay, dry sand or earth) and transfer to secure containers. Flush area with water to minimize residue. Dispose of in accordance with all current local, state, and federal regulations.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

STORAGE: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

SHELF LIFE: 36 months

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
			EXPOSURE LIMITS	
			ACGIH TLV	
Chemical Name			ppm	mg/m ³
Butyldiglycol	TWA		10	

ENGINEERING CONTROLS: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US).

SKIN: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

RESPIRATORY: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US).

PROTECTIVE CLOTHING: Apron recommended.

WORK HYGIENIC PRACTICES: Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when handling this material: (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics areas with this material stored. (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the restrooms. (3) Wash exposed skin promptly to remove accidental splashes of contact

with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Slight Solvent
COLOR: Colorless
pH: Not Available
PERCENT VOLATILE: Not Available
FLASH POINT AND METHOD: > 93.3°C (200°F)
FLAMMABLE LIMITS: Not Available
AUTOIGNITION TEMPERATURE: Not Available
VAPOR PRESSURE: Not Available
VAPOR DENSITY: Not Available
BOILING POINT: Not Available
FREEZING POINT: Not Available
POUR POINT: Not Available
THERMAL DECOMPOSITION: Not Available
SOLUBILITY IN WATER: partial
EVAPORATION RATE: Not Available
SPECIFIC GRAVITY: 1.006
VISCOSITY: Not Available
MOLECULAR WEIGHT: Not Available
(VOC): 803.000 g/L
OXIDIZING PROPERTIES: Not Available

10. STABILITY AND REACTIVITY

STABLE: Yes
STABILITY: Stable under normal temperatures and pressures.
CONDITIONS TO AVOID: Not Available
HAZARDOUS DECOMPOSITION PRODUCTS: Not Available
INCOMPATIBLE MATERIALS: Acids, bases, oxidizing agents, reducing agents

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Butyldiglycol	~ 7291 mg/kg [Rat]	2764 mg/kg [Rabbit]	
Dimethyl succinate	6892 mg/kg [Rat]	> 5000 mg/kg [Rabbit]	> 2000 mg/L [Rat] 4 h
Dimethyl adipate	> 5000 mg/kg [Rat]	> 1000 mg/kg [Rabbit]	

DERMAL LD₅₀: Not yet determined for this product

ORAL LD₅₀: Not yet determined for this product

INHALATION LC₅₀: Not yet determined for this product

EYE EFFECTS: May cause severe irritation to eyes. Symptoms may include stinging, tearing, redness and swelling. May cause blurred vision.

SKIN EFFECTS: Causes skin irritation. Can be absorbed through skin and produce central nervous system effects. Prolonged and or repeat skin contact may result in redness and blurred vision. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

CHRONIC: Overexposure may cause nervous system damage. May cause delayed lung damage. Overexposure may cause kidney damage. Significant exposure to this chemical may adversely affect people with chronic disease of the respiratory system, central nervous system, kidney, liver, skin, and/or eyes.

CARCINOGENICITY

Chemical Name	NTP Status	IARC Status	OSHA Status
Dimethyl succinate	Not Listed	Not Listed	Not Listed
Dimethyl adipate	Not Listed	Not Listed	Not Listed

IARC: Not listed

NTP: Not listed

OSHA: Not listed

COMMENTS: EFFECTS OF OVEREXPOSURE - INHALATION: Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, lightheadedness, and stupor (CNS depression).
EFFECTS OF OVEREXPOSURE - INGESTION: Ingestion may cause gastrointestinal tract irritation. Ingestion may cause liver and kidney damage. Overexposure may cause nausea, diarrhea, and/or vomiting. May cause dizziness and drowsiness and/or stupor.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil, sewers and waterways. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all current local, state and federal regulations.

EMPTY CONTAINER: Dispose of as unused product in accordance with all LOCAL, STATE, or FEDERAL applicable regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME:

	DOT CLASSIFICATION
UN number	-
UN proper shipping name	NOT REGULATED
Transport hazard class	-
Packing group	-
Label	-

AIR (ICAO/IATA)

SHIPPING NAME:

	IATA
UN number	-
UN proper shipping name	NOT REGULATED
Transport hazard class	-
Packing group	-
Label	-

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: ACUTE HEALTH HAZARD, CHRONIC HEALTH HAZARD,

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

313 REPORTABLE INGREDIENTS: Diethylene glycol butyl ether CAS # 112-34-5, 2-butoxyethanol 111-76-2, acetaldehyde 75-07-0, 1-butanol 71-36-3, 1,2-ethanediol 107-21-1

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Butyldiglycol	25 - 50	112-34-5

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS	TSCA SECTION
Butyldiglycol	112-34-5	12b,

TSCA REGULATORY: All components of this product are listed or are exempt from listing on the TSCA 8(b) Inventory. If identified components of this product are listed under the TSCA 12(b) export notification rule, they will be listed below:
 Dipropylene glycol methyl ether CAS#34590-94-8 2-(2-butoxyethoxy) ethanol 112-34-5 1,2-ethanediol 107-21-1

REGULATIONS

STATE REGULATIONS: CAS # 106-65-0 Pennsylvania Right-To-Know Act, New Jersey Right to Know Act, CAS # 112-34-5 New Jersey RTK Hazardous Substance, Pennsylvania Hazardous Substance, CAS # 34398-01-1 Pennsylvania Hazardous Substance, New Jersey RTK Hazardous Substance, CAS # 627-93-0 New Jersey RTK Hazardous Substance, Pennsylvania Hazardous Substance

CALIFORNIA PROPOSITION 65: CAS # 75-07-0

CLEAN WATER ACT: CAS # 34398-01-1

CANADA**WHMIS HAZARD SYMBOL AND CLASSIFICATION**

Toxic

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Controlled Product

WHMIS CLASS: D2B

DOMESTIC SUBSTANCE LIST (INVENTORY): All components of this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

REASON FOR ISSUE: U.S. HazCom GHS Format

APPROVED BY: Ross Balfour **TITLE:** Global Business Unit Manager

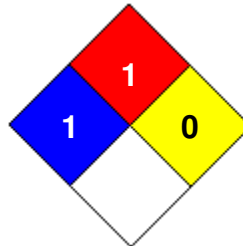
PREPARED BY: SDS Regulatory Specialist

INFORMATION CONTACT: Kathy Tylka

REVISION SUMMARY: This MSDS replaces the 9/4/2014 MSDS.

HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	1
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	B

NFPA CODES

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