

Franklin International

MATERIAL SAFETY DATA SHEET

MSDS Name: IMAGE MATE DEGREASER 260
MSDS Number: 021525

Revision Date: 010901
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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: IMAGE MATE DEGREASER 260 32 OZ
CAS Number: NONE
HMIS Hazard Rating: Health: 1 Fire: 1 Reactivity: 0

Company Identification: Franklin International
2020 Bruck Street
Columbus OH 43207

Contact: Franklin Technical Services
Telephone/Fax: (800) 877-4583 (614) 445-1493
Emergency Phone (24 Hour): Franklin Security
(614) 445-1300
Chemtrec (24 Hour): (800) 424-9300
Chemtrec International: (703) 527-3887

Product Class: GRAPHIC SCREEN DEGREASER
Product Use: IMAGE MATE DEGREASER 260
Product Code: 2152

Division: Polymer Products

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS Number	Percent
diethylene glycol monobutylether	112-34-5	5.70

OSHA PELs & ACGIH TLVs are listed in Section 8 where applicable.

SECTION 3 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION IRRITANT: Direct contact with the liquid may cause irritation to the eyes and skin. Severity of irritation increases with prolonged exposure.

Water soluble gel type substance.

ROUTES OF ENTRY:

Ingestion: Yes
Inhalation: Yes
Skin: Yes
Eye: Yes

INHALATION:

Vapors may be irritating to eyes and respiratory tract.

INGESTION:

No hazard expected in normal industrial use. Ingestion is not a likely route of exposure.

SKIN:

Prolonged or repeated skin contact can cause irritation.

EYE:

Substance may cause moderate eye irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

None identified.

CARCINOGENICITY:

IARC: No
NTP: No
OSHA: No

REPRODUCTIVE TOXICITY:

None anticipated based on product formula.

TARGET ORGANS:

Eyes, skin, and respiratory tract.

SECTION 4 - FIRST AID MEASURES

INHALATION:

Remove to fresh air. If difficulty persists, seek medical attention.

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INGESTION:

Call poison control center immediately. Follow their specific instructions. Do not induce vomiting.

SKIN:

Wash with soap and water. Contact a physician if irritation develops or persists.

EYE:

Hold eyelids apart and flush with plenty of water for at least 15 minutes. Seek medical attention.

SECTION 5 - FIRE-FIGHTING MEASURES

Flammability Class (OSHA) IIIB
Flash Point: > 180 F
Explosive Range: Not Available

EXTINGUISHING MEDIA:

Use alcohol foam, carbon dioxide, water spray, or ABC dry chemical when fighting fires involving this product.

HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon may be released during combustion.

FIRE FIGHTING PROCEDURES:

Wear a NIOSH approved self contained breathing apparatus. Wear appropriate personal protective equipment.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

CONTAINMENT TECHNIQUES:

Use inert absorbent to dike the spill. Keep away from drains.

CLEAN-UP:

If possible pump liquid into an approved container or spread inert material over spill and shovel into an approved container.

EMERGENCY MEASURES:

None required.

SECTION 7 - HANDLING AND STORAGE

HANDLING:

Empty drums should be completely drained, properly bunged and promptly returned to a reconditioner, or properly disposed of.

Do not get material in eyes.

Keep containers closed when not in use.

Use only in well ventilated area.

Avoid prolonged or repeated contact with the skin.

STORAGE:

Avoid temperature extremes in storage.

Store in a cool, dry place.

PRECAUTIONARY STATEMENT:

Keep out of the reach of children.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
diethylene glycol monobutylether	N/est	N/est	N/est	N/est	N/est

ENGINEERING CONTROLS:

Use local exhaust as needed to maintain occupational exposure limits.

OTHER:

Facilities storing or utilizing any chemical should be equipped with an eyewash facility and a safety shower.

RESPIRATORY PROTECTION:

Respiratory protection is not expected to be necessary under normal use. Follow requirements for respiratory protection in OSHA 1910.134.

EYE PROTECTION:

Chemical splash goggles (ANSI Z87.1 or approved equivalent).

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SKIN PROTECTION:

Where skin contact can occur, wear impervious gloves.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form: LIQUID
Appearance/Color: CLEAR
Odor: CITRUS
Solubility (in water): YES
pH Value: 12.
Boiling Range/Point: Not Available
Evaporation Rate: Slower than n-Butyl Acetate

% Volatile: 76.5%
Specific Gravity: 1.03

SECTION 10 - STABILITY AND REACTIVITY

Stability: This product is stable
Hazardous Polymerization: Hazardous polymerization will not occur

CONDITIONS TO AVOID:

Heat and open flames.

INCOMPATIBILITY:

None known.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide and/or carbon dioxide.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute and chronic health effects are not expected as long as good industrial hygiene and safety precautions are followed.

SECTION 12 - ECOLOGICAL INFORMATION

This product has not been tested for environmental effects.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Disposal of this product must comply with all applicable federal, state and local regulations.

CONTAINER DISPOSAL:

Disposal of this container should comply with all applicable federal, state and local regulations.

SECTION 14 - TRANSPORT INFORMATION

UN Number N/A
UN Pack Group N/A
UN Class NON HAZ
ICAO/IATA Class NON HAZARDOUS
IMDG Class NON HAZARDOUS
Shipping Name NON HAZARDOUS
ADR/RID Class NON HAZARDOUS

Packaging may not be approved for shipping by air. Please contact Franklin International for further information.

SECTION 15 - REGULATORY INFORMATION

SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

Chemical Name	CAS Number	Percent
diethylene glycol monobutylether	112-34-5	5.70

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New Jersey: D-Limonene (CAS#5982-27-5), butyl dioxitol (CAS#112-34-5),
water (CAS#7732-18-5), ethoxylated nonylphenol (CAS#68412-54-4).
TSCA (Toxic Substances Control Act Inventory):
All components of this product are listed on the TSCA inventory except
as exempted.

SECTION 16 - OTHER INFORMATION

DISCLAIMER:

While the information and recommendations set forth herein are
believed to be accurate as of the data hereof, Franklin International
makes no warranty, express or implied, with respect thereto and
disclaims all liability from reliance thereon.