

SAFETY DATA SHEET

Digesil FS

Section 1. Identification

GHS product identifier Digesil FS

Other means of Identification Not available.

Relevant identified uses of the substance or mixture and uses advised against
Stripper / Polymer Remover.

Supplier's details RPM Technology, LLC
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Section 2. Hazards identification

OSHA/HCS status This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Most important adverse effects: Flammable liquid and vapour. Causes skin irritation. Causes serious eye damage.
Harmful if inhaled. Suspected of damaging the unborn child.

Classification of the substance or mixture ACUTE TOXICITY (inhalation) - Category 4
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
FLAMMABLE LIQUIDS - Category 3
SUSPECTED OF DAMAGING THE UNBORN CHILD – Category 2
ACUTE TOXICITY (dermal) - Category 2

GHS label elements
Hazard pictograms



Signal word Danger

Hazard statements H226: Flammable liquid and vapor.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H332: Harmful if inhaled.
H361d: Suspected of damaging the unborn child.

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Keep away from flames and hot surfaces. - No smoking. Use only outdoors or in a well-ventilated area. Avoid breathing vapor. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

Response IF exposed or concerned: Get medical attention.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician.
IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth.
IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or physician if you feel unwell. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Storage Store locked up. Store in a well-ventilated place. Keep cool.

Disposal Dispose of contents and container in accordance with all local, regional, national and international regulations.

Section 3. Composition/information on ingredients

Substance/mixture Mixture
Other means of identification Not available.

CAS number/other identifiers

CAS number Not applicable.
Product code Digesil FS

Ingredient name	%	CAS number
METHOXY PROPYL ACETATE (PMA)	50-70	108-65-6
N-ETHYL-2-PYRROLIDONE	10 -30	2687-91-4
3-BUTOXYPROPAN-2-OL	10 – 30	5131-66-8

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret is required.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of first aid measures

Skin contact: Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Eye contact: Remove contact lenses from the eyes before rinsing. Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion: Wash out mouth with water. Do not induce vomiting. Drink 1 or 2 cups of water. Consult a doctor.
Inhalation: Inhalation of vapors may cause shortness of breath. Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical attention if irritation symptoms persist.

Most important symptoms/effects, acute and delayed

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be irritation and redness. The eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media: Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

Special hazards arising from the substance or mixture

Exposure hazards: Flammable. In combustion emits toxic fumes. Forms explosive air-vapor mixture.

Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6. Accidental release measures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using a dike.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks. Clean spillage area thoroughly with plenty of water

Section 7. Handling and storage

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the buildup of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition

Section 8. Exposure controls/personal protection

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment is not a source of ignition.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

Section 9. Physical and chemical properties

State: Liquid

Color: Colorless
 Odor: Characteristic odor
 Oxidizing: Non-oxidizing
 Solubility in water: Miscible
 Viscosity: Non-viscous
 Flash point: 113°F (45°C)
 Relative density: 0.9 – 1.0

Section 10. Stability and reactivity

Reactivity: Stable under recommended transport or storage conditions.
Chemical stability: Stable under normal conditions. Stable at room temperature.
Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.
Materials to avoid: Strong oxidizing agents. Strong acids.
Haz. decomp. products: In combustion emits toxic fumes.

Section 11. Toxicological information

Information on toxicological effects

METHOXY PROPYL ACETATE (PMA)

DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg
VAPOURS	RAT	6H LC50	>10.8	mg/l

N-ETHYL-2-PYRROLIDONE

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	3200	mg/kg
VAPOURS		LD50	>5.1	mg/l

3-BUTOXYPROPAN-2-OL

ORL	RAT	LD50	5660	µl/kg
SKN	RBT	LD50	3100	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	INH	Hazardous: calculated
Irritation	OPT DRM	Hazardous: calculated

Mid Petroleum Distillate

DERMAL	RAT	LD50	3160	mg/kg
ORAL	RAT	LD50	5000	mg/kg
VAPOURS	RAT	4H LC50	5266	mg/m3

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be irritation and redness. The eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Other information: (POSSIBLE DEVELOPMENTAL HAZARD) (CONTAINS MATERIAL THAT) MAY ADVERSELY AFFECT THE DEVELOPING (FETUS) (BASED ON ANIMAL DATA). Affect male and / or female fertility.

Section 12. Ecological information

Hazardous ingredients:

METHOXY PROPYL ACETATE (PMA)

Daphnia magna	48H EC50	>480	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	<180	mg/l

N-ETHYL-2-PYRROLIDONE

ALGAE	72H IC50	>101	mg/l
DAPHNIA	48H EC50	>104	mg/l
FISH	96H LC50	>464-999	mg/l

Persistence and degradability: Readily biodegradable. Greater than 80% biodegradable according to method OECD 301.

Bioaccumulative potential: No bioaccumulation potential.

Mobility: Readily absorbed into soil.

PBT identification: This product is not identified as a PBT/vPvB substance.

Other adverse effects: Negligible ecotoxicity.

Section 13. Disposal considerations

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.
The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14. Transport information

	DOT Classification	IMDG	IATSA
Un number	UN3272	UN3272	UN3272
UN proper shipping name	ESTERS, N.O.S. (2-Methoxy-1-methylethyl acetate)	ESTERS, N.O.S. (2-Methoxy-1-methylethyl acetate)	ESTERS, N.O.S. (2-Methoxy-1-methylethyl acetate)
Transport hazard class(es)	3	3	3
Packing group	III	III	III
Environmental hazards	No	No	No
Additional Information	No special precautions.	No special precautions	No special precautions

Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory information

U.S. Federal regulations: United States inventory (TSCA 8b): All components are listed or exempted.

REGULATORY INFORMATION

SARA 302 Components

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

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard

State regulations:

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

Propylene glycol butyl ether	CAS-No.5131-66-8
1-Ethylpyrrolidin-2-one	CAS No. 2687-91-4
2-Methoxy-1-methylethyl acetate	CAS No. 108-65-6

New Jersey Right To Know Components

Propylene glycol butyl ether	CAS-No.5131-66-8
1-Ethylpyrrolidin-2-one	CAS No. 2687-91-4
2-Methoxy-1-methylethyl acetate	CAS No. 108-65-6

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health: 2 Flammability: 2 Physical hazards: 0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)

Health: 2 Flammability: 2 Instability: 0

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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

History

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Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.