



Safety Data Sheet

Eco Flush

SDS Revision Date: 05/07/2015

1. Identification

1.1. Product identifier

Product Identity ECO FLUSH

Alternate Names FG-99-2-5P

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use General Flushing Solvent

Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name Prime Resins, Inc.
2291 Plunkett Road
Conyers, GA 30012

Emergency

CHEMTREC (USA) (800) 424-9300

24 hour Emergency Telephone No. For International Calls +1 703-527-3887 **Customer Service: Prime Resins, Inc.** (770) 388-0626

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Combustible Liquid;H227 Combustible Liquid.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

H227 Combustible liquid.

[Prevention]:

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.

P280 Wear protective gloves / eye protection / face protection. **[Response]:**

[Storage]:

P403+235 Store in a well ventilated place. Keep cool. **[Disposal]:**

P501 Dispose of contents / container in accordance with local / national regulations.



Safety Data Sheet

Eco Flush

SDS Revision Date: 05/07/2015

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
(2-methoxymethylethoxy)propanol CAS Number: 0034590-94-8	75 - 100	Not Classified	[1][2]
Tripropylene glycol monomethyl ether CAS Number: 0025498-49-1	25 - 50	Not Classified	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin

Immediately take off all contaminated clothing. For skin contact, wash immediately with soap and water. If irritation persists, get medical attention.

Ingestion

If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Overview

Skin: Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.

Eyes: This product may cause irritation to the eyes. Symptoms can include irritation, redness, scratching of the cornea, and tearing.

Inhalation: Excessive inhalation of this product may cause headache, dizziness, blurred vision, nausea and vomiting.

Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.



Safety Data Sheet

Eco Flush

SDS Revision Date: 05/07/2015

Notes to Physician: This material, if aspirated into the lungs, may cause chemical pneumonitis; treat the affected person appropriately.

See section 2 for further details.

5. Fire-fighting measures

5.1. Extinguishing media

Water spray, dry chemical, alcohol foam, carbon dioxide

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

5.3. Advice for fire-fighters

Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing, and face mask.

ERG Guide No. 128

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb spill with inert material. Shovel material into appropriate container for disposal.



Safety Data Sheet

Eco Flush

SDS Revision Date: 05/07/2015

7. Handling and storage

7.1. Precautions for safe handling

Avoid prolonged or repeated skin contact with this material.

Store in accordance with the National Fire Protection Association's publication NFPA 30, Flammable and Combustible Liquids Code. 29 CFR 1910.106 applies to the handling, storage, and use of flammable and combustible liquids.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Store in a cool dry, well ventilated area, away from heat, sparks and open flame. Keep containers sealed when not in use. Store out of direct sunlight.



Safety Data Sheet Eco Flush

SDS Revision Date: 05/07/2015

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0025498-49-1	Tripropylene glycol monomethyl ether	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0034590-94-8	(2-methoxymethylethoxy)propanol	OSHA	TWA 100 ppm (600 mg/m ³) [skin]
		ACGIH	TWA: 100 ppm STEL: 150 ppm Skin
		NIOSH	TWA 100 ppm (600 mg/m ³) ST 150 ppm (900 mg/m ³) [skin]
		Supplier	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0025498-49-1	Tripropylene glycol monomethyl ether	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0034590-94-8	(2-methoxymethylethoxy)propanol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Exposure controls

Respiratory

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes

Wear safety glasses; chemical goggles (if splashing is possible).

Skin

Normal work clothing (long sleeved shirts and long pants) is recommended. Use of impervious apron and boots is recommended where splashing of the chemical is likely. Use impervious gloves.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to



Safety Data Sheet

Eco Flush

SDS Revision Date: 05/07/2015

maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices Eye wash fountain and emergency showers are recommended. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse. See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance	Liquid
Odor	Not Specified
Odor threshold	Not Measured
pH	Not available
Melting point / freezing point	Not available
Initial boiling point and boiling range	> 190°C (375°F)
Flash Point	> 175°F (> 79°C) PMCC
Evaporation rate (Ether = 1)	Slower than n-Butyl Acetate
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not available Upper Explosive Limit: Not available
Vapor pressure (Pa)	< 0.5 mmHg
Vapor Density	Not available
Specific Gravity	0.96
Solubility in Water	Complete
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity (cSt)	Not available
VOC Content	8.01 lbs/gal (963 g/L)

9.2. Other information

No other relevant information.



Safety Data Sheet

Eco Flush

SDS Revision Date: 05/07/2015

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

High heat and fire may produce carbon dioxide, carbon monoxide, and oxides of nitrogen.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

No hazardous decomposition data available.

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
(2-methoxymethylethoxy)propanol - (34590-94-8)	3,500.00, Rat - Category: 5	19,000.00, Rabbit - Category: NA	No data available	No data available	No data available
Tripropylene glycol monomethyl ether - (25498-49-1)	No data available	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable



Safety Data Sheet

Eco Flush

SDS Revision Date: 05/07/2015

Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data. **Aquatic**

Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
(2-methoxymethylethoxy)propanol - (34590-94-8)	10,000.00, Daphnia magna	Pimephales 1,919.00, promelas	969.00 (72 hr), Algae
Tripropylene glycol monomethyl ether - (25498-49-1)	Not Available	Not Available	Not Available

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.



**Safety Data Sheet
Eco Flush**

SDS Revision Date: 05/07/2015

12.6. Other adverse effects No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	NA1993	Not Regulated	Not Regulated
14.2. UN proper class(es)	Combustible liquid, n.o.s., ((2-Methoxymethylethoxy)propanol)	Not Regulated	Not Regulated shipping name
14.3. Transport hazard class(es)	DOT Hazard Class: Combustible Liquid	IMDG: Not Applicable	Air Class: Not Applicable
14.4. Packing group	III	Not Applicable	Not Applicable
14.5. Environmental hazards			
IMDG	Marine Pollutant: No		
14.6. Special precautions for user	No further information		

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance All components of this material are either listed or exempt from listing on the TSCA **Control Act** (TSCA) Inventory.

WHMIS Classification B3

US EPA Tier II Hazards **Fire:** Yes
Sudden Release of Pressure: No
Reactive: No **Immediate (Acute):** No
Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs:



Safety Data Sheet

Eco Flush

SDS Revision Date: 05/07/2015

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals: (2-
methoxymethylethoxy)propanol

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%): (2-
methoxymethylethoxy)propanol **Pennsylvania RTK**

Substances (>1%): (2-
methoxymethylethoxy)propanol

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

Not Applicable

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

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.



Safety Data Sheet

Eco Flush

SDS Revision Date: 05/07/2015

The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

End of Document