

36 KINGSTHORPE ROAD
HOVE
BN3 5HR
Tel 01273 260 260
Fax 01273 260 270
E-mail artbox@lawrence.co.uk

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Gamblin Safflower Oil

(TNL GBM9004 - GBM9016)

1. Identification of the substance/preparation and of the company/undertaking

Product name: Safflower Oil (Refined Linoleic Safflower Oil)
Stock codes: GBM9004, GBM9008, GBM9016
Relevant identified uses of the substance or mixture:
To modify working properties of artist oil paint
Company name: Gamblin Artists Colors
323 SE Division Pl.
Portland, OR 97202
USA
Tel: 503-235-1945
Emergency Number: Local Emergency Room

2. Hazards identification

2.1. Classification of the substance or mixture

2.2. Label elements:

GHS Labelling

GHS Classification: Flammable: None
Health: None

GHS Pictograms: None

Signal Word: None

Hazard Statements: None

Precautionary Statements: None

Hazard-Determining Components of Labelling: None

3. Composition/information on ingredients

Chemical Name	CAS No	Concentration %	GHS Hazard Codes	Supplier Rec	EU HSPA
Vegetable Oil Triglycerides	8001-23-8	100	None	N/A	N/A

4. First aid measures

4.1. Description of first aid measures

General description No special measures required.
Inhalation Supply fresh air; consult doctor in case of complaints
Ingestion Contact Physician if discomfort is encountered
Skin contact Immediately wash with water and soap and rinse thoroughly. If skin irritation continues,

consult a doctor.

Eye contact

Remove contact lenses if worn. Rinse opened eye for several minutes under running water.
If symptoms persist, consult doctor

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

Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease.

Notes to physicians or first aid providers: No additional information available.

5. Fire-fighting measures

5.1. Extinguishing media

Dry Chemical, Carbon Dioxide, Foam

Unsuitable extinguishing agents: Water spray - Water with full jet

5.2. Special hazards arising from the substance or mixture

As with all unsaturated fats and oils , some porous materials such as rags, paper, insulation or clay when wetted with this product may undergo spontaneous combustion. Keep such materials well ventilated to prevent possible heat build up.

Hazardous Combustion Products: CO, CO2, smoke

5.3. Advice for fire-fighters

No one other than trained fire fighters should attempt to fight fires. Cool containers exposed to flame with water. Limit the spread of oil. Treat as an oil (edible fat) fire . Use air supplied equipment for fighting interior fires. DO NOT USE WATER TO EXTINGUISH.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions:

6.3. Methods and material for containment and cleaning up

Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water. Floors will be slippery: take precautions.

7. Handling and storage

7.1. Precautions for safe handling:

Keep containers sealed when not in use. Avoid direct and prolonged contact with skin and eyes. Avoid breathing oil mist.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area and away from heat sources and flame. Store in suitable, labelled containers

8. Exposure controls/personal protection

Introductory Remarks:

These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures developed for each intended application. While developing safe handling, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance to the section entitled Disposal Considerations.

8.1. Control parameters

Exposure Guidelines: Engineering controls are usually not necessary if good hygiene practices are strictly followed.

Threshold Limit Value: Not Available

8.2 Exposure controls:

Personal protective equipment

Respiratory protection:	Generally not required during normal operations.
Hand protection:	Work gloves
Eye protection:	Where there is a danger of eye contact, wear splash proof goggles.
Body protection:	Work pants, long sleeve work shirt, and work gloves

8.3 General safety and Hygiene measures:

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:

- (1) Do not store, use and or consume foods, beverages, tobacco products or cosmetics in areas where this material is stored.
- (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.

9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical form	Liquid
Colour	Clear light yellow/yellow
Odour	Bland with slight characteristic odour
Odour Threshold	N/D
Boiling point (°C)	N/A
Melting point:	Liquid @ ambient
Flash point	>500°F (closed cup)
Evaporation rate:	N/A
Specific Gravity	N/D
Solids by weight:	N/D
Volatile:	N/D
Vapour pressure	0.05 mm Hg
Relative Density	0.90-0.92
Molecular weight:	N/D
Solubility in water	Insoluble
Viscosity	N/D

10.Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Material is stable under normal conditions

10.3. Possibility of hazardous reactions

Will not occur

10.4. Conditions to avoid

Excessive heating.

10.5. Incompatible materials

None

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide

11. Toxicological information

INFORMATION ON TOXICOLOGICAL EFFECTS

Inhalation:	Inhalation of fine mist may affect respiratory system
Ingestion:	Food Grade
Skin:	May cause irritation in sensitive individuals with prolonged exposure
Eye:	No known hazard

12. Ecological information

No information available

13. Disposal considerations

13.1. Waste treatment methods

NOTE: Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at the time of disposal.

Waste Disposal:

Chemical additions, processing or otherwise altering this material may make the waste management information present in this SDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

14. Transport information

14.1. UN Number DOT, ADR, IMDG, IATA:

Not Regulated

14.2. UN proper shipping name DOT, ADR, IMDG, IATA:

Not Regulated

14.3. Transport hazard class(es) DOT, ADR, IMDG, IATA:

Not Regulated

14.4. Packing group DOT, ADR, IMDG, IATA:

Not Regulated

14.5. Environmental hazards: Marine pollutant:

No

14.6. Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

UN "Model Regulation":

15. Regulatory information

SARA

Section 355 (extremely hazardous substances): Substance is not listed.

Section 313 (Specific toxic chemical listings): Substance is not listed.

TSCA (Toxic Substances Control Act): Substance is not listed.

PROPOSITION 65 (CALIFORNIA)

Chemicals known to cause cancer: Substance not listed

Chemicals known to cause reproductive toxicity for females:
Substance not listed.

Chemicals known to cause reproductive toxicity for males:
Substance not listed.

Chemicals known to cause developmental toxicity:
Substance not listed

CARCINOGENIC CATEGORIES EPA (Environmental Protection Agency):
Substance is not listed.

IARC (International Agency for Research on Cancer):
Substance is not listed.

NIOSH-Ca (National Institute for Occupational Safety and Health):
Substance is not listed.

OSHA-Ca (Occupational Safety & Health Administration):
Substance is not listed.

CANADIAN SUBSTANCE LISTING Canadian Domestic Substances List (DSL):
Substance is not listed.

Canadian Ingredient Disclosure list (limit 0.1%): Substance is not listed.

Canadian Ingredient Disclosure list (limit 1%): Substance is not listed.

16. Other information

This product is not considered hazardous.

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS: Updates made in accordance with implementation of GHS requirements.

The information and recommendations contained herein are, to the best of Gamblin's knowledge and belief, accurate and reliable, but it is not warranted to be. You can contact Gamblin to ensure that this document is the most current available. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use and it is the user's responsibility to carefully read the product label and follow instructions for safe use of the product.