

MATERIAL SAFETY DATA SHEET

PRODUCT NAME : OIL - ROYAL PURPLE SYNFILM GT

1. Product and Company Identification

Product name: Royal Purple Synfilm GT Oil
Synonyms: Synfilm GT Oil
Item Numbers: H11031221, H11031222, H11031231, H11031232

European Contact Details

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Chemtrec: 1-800-424-9300

2. Hazards Identification

EMERGENCY OVERVIEW

This oil, when properly handled according to good working and hygienic practices, is not dangerous to human health and the environment. Incomplete combustion of the oil may produce carbon monoxide.
For short and long term exposure effects see Section 11 Toxicological data.

Eye Effects: May cause irritation.
Skin Effects: May irritate the skin after prolonged periods of contact.
Ingestion/Oral Effects: May cause diarrhea.
Inhalation Effects: Oil mist may line breathing passages with oil making breathing difficult.

NFPA Hazard codes		HMIS Hazard codes		Rating System
Toxicity	0	Health	0	0 = No Hazard
Flammability	1	Flammability	1	1 = Slight Hazard
Reactivity	0	Reactivity	0	2 = Moderate Hazard
PPI	B	PPI	B	3 = Serious Hazard
				4 = Severe Hazard

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3. Composition/Information on Ingredients

Ingredient	% Weight	CAS No	Hazard class*	Risk phrase*
Proprietary	Not applicable	Not applicable	Not applicable	Not applicable

*Hazard class & Risk phrase. These columns are only completed for ingredients which are classified as hazardous under EU Directive No 1272/2008 (as amended) and are present in sufficient concentration to make the overall substance hazardous. In all other situations, the column will be completed as "Not applicable".

4. First Aid Measures

Eyes:	Flush with water until all residual material is gone. If irritation persists, seek medical attention.
Skin:	Wash with hand cleanser followed by soap and water. If irritation persists, seek medical attention. Contaminated clothing should be dry cleaned before reuse.
Ingestion/Oral:	Do not induce vomiting. Seek medical attention. Wash out small amounts of oil in the mouth.
Inhalation:	Clear air passage. If respiratory difficulty continues, seek medical attention.
Other Information:	None.

5. Fire Fighting Measures

Extinguishing Media:	Foam, dry powder, Halon [®] , carbon dioxide, sand, earth and water mist.
Fire and Explosion Hazard:	No information is available.
Special Protective Equipment for Fire Fighters:	Fire fighters should wear a self-contained breathing apparatus (SCBA).

For Flammability Properties - see Section 9.

6. Accidental Release Measures

Personal precautions:	Wear gloves and protective overalls.
Environmental precautions:	Do not allow it to enter drains.
Spillage:	Contain spill and keep from entering waterways. Absorb on porous material. Large quantities can be pumped.

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7. Handling and Storage

Handling: No special handling precautions necessary.

Storage: Do not store at elevated temperatures.

8. Exposure Controls/Personal Protection

Exposure Limits:

Ingredient	ACGIH - TLV -	OSHA - PEL	Occupational Exposure Limits EH40 (UK)
No data available	Not applicable	Not applicable	Not applicable

Personal Protection:

Engineering Measures: Ensure good ventilation under all working conditions.

Respiratory Protection: None required under normal conditions of use.

Hand/Skin Protection: Wear gloves made of oil-impermeable rubber.

Eye/Face Protection: Wear protective glasses/goggles with side shields in case of splashing.

Hygiene Measures: Practice good workplace hygiene. Do not eat, drink or smoke whilst using the oil. Wash hands after use.

Other/General Protection: None.

9. Physical and Chemical Properties

Appearance and Odour	Purple and Lube oil	Boiling point (°C/°F)	>371/>700
pH (as supplied)	Neutral	Freezing Point (°C/°F)	No data available
Solubility in Water	Insoluble	Auto Ignition (°C/°F)	>315/>600
Volatile Content by Volume	No data available	Flash Point (°C/°F)	>177/>350
Density (g/cm ³)	>0.82	Vapour Pressure (kPa)	<0.1

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10. Stability and Reactivity

Stability:	Chemically stable under normal conditions. No photoreactive agents.
Material/Conditions to Avoid:	Strong inorganic and organic acids, oxidizing agents/powerful sources of ignition and extreme temperatures.
Hazardous Decomposition:	Burning generates smoke, airbourne soot, hydrocarbons and oxides of carbon, sulfur and nitrogen. Residue mainly comprised of soot and mineral oxides.
Hazardous Polymerisation:	No information is available.

11. Toxicological Information

Acute Toxicity:	Not Known	California Prop 65:	N/A
Irritancy-Skin:	Very mild	Carcinogen: NTP:	No
Skin sensitisation:	Not Known	IARC:	No
Subacute/Sub-chronic Toxicity:	Not Known	OSHA:	No
Genotoxicity:	None known	EC Classification (67/548/EEC):	No
Chronic toxicity:	None known	LC-50:	>2000 mg/l - extrapolated from component data
		LD-50:	N/A

For a comprehensive description for the various toxicological (health) effects which may arise if the user comes into contact with the substance or preparation refer to Section 2 Hazards Identification.

Animal data:

No data available.

12. Ecological Information

Possible effects:	When released into the environment, adsorption to sediment and soil will be the predominant behaviour.
Behaviour:	Relatively well behaved. Bioaccumulation potential nil.
Environmental fate:	Due to its fluid nature and specific gravity, this product will float or spread across water making it a nuisance contaminant. It is not thought to be toxic to marine or land organisms.

13. Disposal Considerations

Dispose of waste oil and used containers in accordance with all local and national requirements.

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14. Transport Information

This product is not classified as dangerous under transport regulations.

PARAMETER	EUROPEAN	CANADIAN TDG	UNITED STATES DOT
Proper Shipping Name	Not applicable	Not applicable	Not applicable
Hazard Class	Nonhazardous	Nonhazardous	Nonhazardous
Identification Number	Not applicable	Not applicable	Not applicable
Shipping Label	Not applicable	Not applicable	Not applicable

15. Regulatory Information

European Regulatory Information

This product has been classified in accordance with EU Regulation No 1272/2008 (as amended) on the Classification, Labelling and Packaging of Substances and Mixtures.

Classified as dangerous to supply: No.

Risk Phrases: Not applicable.

Safety Phrases: S3 keep cool.

S16 keep away from ignition sources.

Symbols: None.

United States Regulatory Information

This material is on the Toxic Substances Control Act Inventory (TSCA-U.S.).

SARA TITLE III - SECTION 313 SUPPLIER NOTIFICATION:

This product does not contain toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986 and 40 CFR Part 372.

California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer or reproductive toxicity.

Canadian Regulatory Information

WHMIS Classification: Not applicable.

All ingredients in this product are included in the Canadian DSL.

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16. Other Information

This MSDS is compiled in accordance with ANSI Z400.1 and Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Sources of information for this data sheet:

- Purple Royal, Inc. Synfilm[®] GT Material Safety Data Sheet. Revision Date : April 2008.

Glossary:

ACGIH - American Conference of Governmental Industrial Hygienists; ANSI - American National Standards Institute; Canadian TDG - Canadian Transportation of Dangerous Goods; CAS - Chemical Abstracts Service; Chemtrec - Chemical Transportation Emergency Center (US); DSL - Domestic Substances List; EH40 (UK) - HSE Guidance Note EH40 Occupational exposure limits; EPA - Environmental Protection Agency; EPCRA - Emergency Planning and Community Right-to-Know Act; HMIS - Hazardous Material Information Service; LC - Lethal Concentration; LD - Lethal Dose; NFPA - National Fire Protection Association; OSHA - Occupational Safety and Health Administration, US department of Labour; PEL - Permissible exposure limit; SARA (Title III) - Superfund Amendments and Reauthorization Act; SARA 313 - Superfund Amendments and Reauthorization Act, Section 313; SCBA - Self-Contained Breathing Apparatus; STEL - Short Term Exposure Limit; TLV - threshold limit value; TSCA - Toxic Substances Control Act Public Law 94-469; TWA - Time-Weighted Average; US DOT - US Department of Transportation; WHMIS - Workplace Hazardous Materials Information System.

Revisions:

April 2010 - Data Sheet updated to reflect the latest supplier safety information.

June 2010 - Data Sheet updated to reflect current regulatory information.

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