



Safety Data Sheet (SDS)
AMALIE Pro Tac Plus with 5% Moly

Product Code: 50029-17
Revision Date: 05/14/2024

Section 1. Identification

1.1. Product identifier

Product Identity

AMALIE Pro Tac Plus with 5% Moly

Alternate Names

N/A

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

Intended use

See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name

AMALIE OIL COMPANY (Florida)
1601 McCloskey Boulevard
Tampa, Florida 33605 U.S.A.

Emergency

24 hour Emergency Telephone No.

ChemTel 1-800-255-3924 24 hr

Customer Service:

(813)248-1988
info@amalie.com
www.amalie.com

Section 2. Hazard(s) identification

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

No applicable GHS categories.

[Prevention]

No GHS prevention statements

[Response]

No GHS response statements

[Storage]

No GHS storage statements

[Disposal]

No GHS disposal statements

Section 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
Lithium stearate CAS Number: 4485-12-5	50 - 75	Not Classified	----
Distillates Hydrotreated Heavy Paraffin CAS Number: 64742-54-7	25 - 50	Not Classified	----
Antimony, tris(dipentylcarbamoedithioato-s,s')-, (o CAS Number: 15890-25-2	5 - 10	Not Classified	----
Molybdenum (iv) sulfide CAS Number: 1317-33-5	5 - 10	Not Classified	----
Residual oils (petroleum), hydrotreated CAS Number: 64742-57-0	1 - 5	Not Classified	----
Butene, polymer with 2-methyl-1-propene CAS Number: 9044-17-1	1 - 5	Not Classified	----
Potassium Triborate Dispersion in Neutral Oil CAS Number: Proprietary	1 - 5		----

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

*PBT/vPvB - PBT-substance or vPvB-substance.

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

Section 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

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

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

No specific symptom data available.
Treat symptomatically. Check section 2.2 (GHS Label Elements) for further details.

Section 5. Fire-fighting measures

5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.
Unsuitable extinguishing media: Do not use; water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

5.3. Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

ERG Guide No. ----

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

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

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

Section 7. Handling and storage

7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Check section 2.2 (GHS Label Elements) for further details. - [Prevention]

7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials: No available information

Check section 2.2 (GHS Label Elements) for further details. - [Storage]

7.3. Specific end use(s)

No available information

Section 8. Exposure controls / personal protection

8.1. Control parameters

CAS No.	Ingredient	Exposure	
		Source	Value
1317-33-5	Molybdenum (iv) sulfide	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
4485-12-5	Lithium stearate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
9044-17-1	Butene, polymer with 2-methyl-1-propene	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
15890-25-2	Antimony, tris(dipentylcarbamodithioato-s,s'), (o	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
64742-54-7	Distillates Hydrotreated Heavy Paraffin	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
64742-57-0	Residual oils (petroleum), hydrotreated	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
Proprietary	Potassium Triborate Dispersion in Neutral Oil	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

Contains mineral oil. The exposure limits for oil mist are 5 mg/m³ OSHA PEL and 5 mg/m³ ACGIH.

8.2. Exposure controls

Respiratory	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
Eyes	Protective safety glasses recommended
Skin	Avoid skin contact. Protective gloves recommended.
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 maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Check section 2.2 (GHS Label Elements) for further details.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	DARK GREY GREASE DARK GREY GREASE
Odor	Petroleum Odor
Odor threshold	Not determined
pH	No available information
Melting point / freezing point	No available information
Initial boiling point and boiling range	No available information
Flash Point	220°C
Evaporation rate (Ether = 1)	No available information
Flammability (solid, gas)	No available information
Upper/lower flammability or explosive limits	Lower Explosive Limit: No available information Upper Explosive Limit: No available information
Vapor pressure (Pa)	No available information
Vapor Density	No available information
Relative Density	.9562
Solubility in Water	Negligible
Partition coefficient n-octanol/water (Log Kow)	Not determined
Auto-ignition temperature	No available information
Decomposition temperature	No available information
Viscosity (cSt)	150 cSt @ 40°C
VOC Content	nil

9.2. Other information

DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)

Section 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

No available information

10.4. Conditions to avoid

Avoid high temperatures and contact with incompatible material

10.5. Incompatible materials

No available information

10.6. Hazardous decomposition products

No hazardous decomposition data available.

Section 11. Toxicological information

Acute toxicity

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).

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
Lithium stearate - (4485-12-5)	No data available.	No data available.	No data available.	No data available.	No data available.
Distillates Hydrotreated Heavy Parrafin - (64742-54-7)	> 5,000.00, Rat - Category: NA	> 5,000.00, Rabbit - Category: NA	No data available.	No data available.	No data available.
Antimony, tris(dipentylcarbamodithioato-s,s')-, (o - (15890-25-2)	No data available.	No data available.	No data available.	No data available.	No data available.
Molybdenum (iv) sulfide - (1317-33-5)	No data available.	No data available.	No data available.	2.82, Rat - Category: 4	No data available.
Residual oils (petroleum), hydrotreated - (64742-57-0)	No data available.	No data available.	No data available.	No data available.	No data available.
Butene, polymer with 2-methyl-1-propene - (9044-17-1)	No data available.	No data available.	No data available.	No data available.	No data available.
Potassium Triborate Dispersion in Neutral Oil - (Proprietary)	No data available.	No data available.	No data available.	No data available.	No data available.

Carcinogen Data

CAS No.	Ingredient	Source	Value
1317-33-5	Molybdenum (iv) sulfide	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
4485-12-5	Lithium stearate	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
9044-17-1	Butene, polymer with 2-methyl-1-propene	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
15890-25-2	Antimony, tris(dipentylcarbamodithioato-s,s')-, (o	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
64742-54-7	Distillates Hydrotreated Heavy Parrafin	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
64742-57-0	Residual oils (petroleum), hydrotreated	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;

		ACGIH	No Established Limit
Proprietary	Potassium Triborate Dispersion in Neutral Oil	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
Classification		Category	Hazard Description
Acute toxicity (oral)		---	Not Applicable
Acute toxicity (dermal)		---	Not Applicable
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

Section 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
Lithium stearate - (4485-12-5)	No data available.	No data available.	No data available.
Distillates Hydrotreated Heavy Parrafin - (64742-54-7)	101.00, Pimephales promelas	> 10,000, Daphnia magna	100.00, Pseudokirchneriella subcapitata
Antimony, tris(dipentylcarbamo-dithioato-s,s'), (o - (15890-25-2)	No data available.	No data available.	No data available.
Molybdenum (iv) sulfide - (1317-33-5)	No data available.	No data available.	No data available.
Residual oils (petroleum), hydrotreated - (64742-57-0)	No data available.	No data available.	No data available.
Butene, polymer with 2-methyl-1-propene - (9044-17-1)	No data available.	No data available.	No data available.
Potassium Triborate Dispersion in Neutral Oil - (Proprietary)	No data available.	No data available.	No data available.

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

No available information

12.4. Mobility in soil

No available information

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No available information

Section 13. Disposal considerations

13.1. Waste treatment methods

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

Section 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable Sub Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable Sub Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards	Marine Pollutant: No;		
14.6. Special precautions for user	No available information		

Section 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 Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
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:	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute. Antimony, tris(dipentylcarbamodithioato-s,s')-, (o
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.
Proposition 65 Label Warning:	This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

NFPA	Health Hazards	Flammability	Instability	Special Hazards
	0	1	0	--
HMIS	Health Hazards	Flammability	Physical Hazards	Personal Protection
	0	1	0	C

Chemical Name (CAS Number)	US TSCA	Australia AICS	Korea ECL	EU EINECS	EU ELINCS	EU SVHC	EN NLP	Mexico INSQ
Lithium stearate (4485-12-5)	Yes	Yes	Yes	Yes	No	No	No	No
Distillates Hydrotreated Heavy Parrafin (64742-54-7)	Yes	Yes	Yes	Yes	No	No	No	Yes
Antimony, tris(dipentylcarbamo-dithioato-s,s')-, (o (15890-25-2)	Yes	Yes	Yes	Yes	No	No	No	No
Molybdenum (iv) sulfide (1317-33-5)	Yes	Yes	Yes	Yes	No	No	No	Yes
Residual oils (petroleum), hydrotreated (64742-57-0)	Yes	Yes	Yes	Yes	No	No	No	Yes
Butene, polymer with 2-methyl-1-propene (9044-17-1)	Yes	No	Yes	No	No	No	No	No
Potassium Triborate Dispersion in Neutral Oil (Proprietary)	No	No	No	No	No	No	No	No

Chemical Name (CAS Number)	China IECSC	Japan ENCS	Japan ISHL	Japan PDSCL	Japan PRTR 1	Japan PRTR 2	Philippines PICCS	New Zealand NZIOC
Lithium stearate (4485-12-5)	Yes	Yes	No	No	No	No	Yes	Yes
Distillates Hydrotreated Heavy Parrafin (64742-54-7)	Yes	Yes	No	No	No	No	Yes	Yes
Antimony, tris(dipentylcarbamo-dithioato-s,s')-, (o (15890-25-2)	Yes	Yes	No	Yes	Yes	No	Yes	Yes
Molybdenum (iv) sulfide (1317-33-5)	Yes	Yes	No	No	Yes	No	Yes	Yes
Residual oils (petroleum), hydrotreated (64742-57-0)	Yes	No	No	No	No	No	Yes	Yes
Butene, polymer with 2-methyl-1-propene (9044-17-1)	Yes	No	No	No	No	No	Yes	No
Potassium Triborate Dispersion in Neutral Oil (Proprietary)	No	No	No	No	No	No	No	No

Section 16. Other information

Revision Date 05/14/2024

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

Not Applicable

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