

Stinger Fluid 3PAO

Version
3A

Revision Date
08/31/2020

SDS Number
3PAO-001-2020

Date of Issue
11/09/2018

SECTION 1. IDENTIFICATION

Product Name 3PAO

Manufacturer Details

Supplier Company Name

FirstPower Group LLC

Address

8941 Dutton Drive
Twinsburg, OH 44087

Telephone

(330) 963-2050

Recommended use of the chemical and restrictions on use

Recommended use

Lubricant for Air Break Disconnect Switch

SECTION 2. HAZARDS IDENTIFICATION

Physical Hazards

Gases under pressure

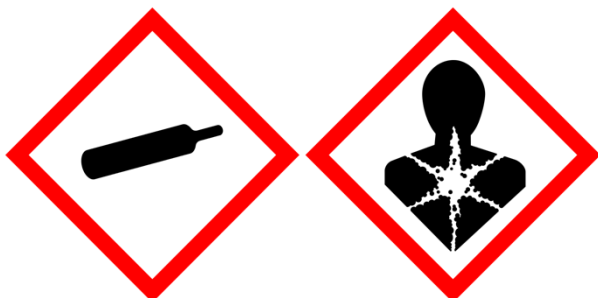
Compressed Gas

Health Hazards

Aspiration Hazard

Category 1

GHS Label Element



Signal Word

Caution

Hazard Statement

H304

Precautionary Statement

P301 + P310

P331

Other Hazards

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None known

SECTION 3. COMPOSITION OF/INFORMATION ON INGREDIENTS

Substance / Mixture CAS Number	Mixture Component Name	%
151006-62-1, 151006-63-2	Polyalphaolefin Oil	50-80
64742-47-8	Petroleum Distillates, hydrotreated light	15-30
7727-37-9	Nitrogen (Propellant)	1 - 3
14324-55-1	Zinc Diethyldithiocarbamate	< 1
118-82-1	4,4'-Methylenebi(2,6-di-tert-butylphenol)	< 1
52829-007-9	Bis(2,2,2,6,6-tetramethyl-4-piperidyl) sebacate	< 1
122-39-4	Diphenylamine	< 1

Hazardous ingredients

None

SECTION 4. FIRST AID MEASURES

If inhaled	Remove to fresh air. Call a poison control center or physician if symptoms occur.
In case of skin contact	Wash with warm water and soap as a precaution. Remove contaminated clothing and wash before reuse. Seek medical attention if symptoms occur.
In case of eye contact	Flush eyes with water as a precaution. Seek medical attention if irritation develops and persists.
If swallowed	DO NOT induce vomiting. Seek medical attention if symptoms occur. Rinse mouth thoroughly with water. Drink plenty of water.
Most important symptoms and effects, both acute and delayed	Mild skin irritation/rash; nausea
Protection for first-aid providers	No special precautions are necessary.
Notes to physician	Treat symptomatically and supportively.

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SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	Water Fog Foam Dry chemical Carbon dioxide (CO ₂)
Unsuitable extinguishing media	Do not use water jets, as this will spread fire.
Specific hazards during firefighting	Contents under pressure. Pressurized container may rupture.
Hazardous combustion products	Carbon oxides
Specific extinguishing methods	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if safe to do so. Evacuate the area.
Special protective equipment for firefighters	Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Follow safe handling advice and personal protective equipment recommendations.
Environmental precautions	Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g., by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleanup	Soak up with inert, absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to

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the release and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding local and national requirements.

SECTION 7. HANDLING AND STORAGE

Technical measures	See <i>engineering measures</i> under section 8 of this SDS.
Local/total ventilation	Use only with adequate ventilation.
Advice on safe handling	Handle in accordance with good industrial hygiene and safety practices. Take care to prevent spills, waste and minimize release to the environment.
Conditions for safe storage	Keep in properly labeled containers. Store in accordance with applicable national regulations.
Materials to avoid	Do not store with the following product types: strong oxidizing agents.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

US. OSHA Table Z-2 (29 CFR 1910.1000)

Components	Type	Value
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US. ACGIH Threshold Limit Values

Components	Type	Value
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Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
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Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

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Engineering measures

Processing may form hazardous compounds (see SECTION 10). Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.

Personal protective equipment

Respiratory protection

No personal respiratory protective equipment normally required.

Hand protection

Wash hands before breaks and at the end of the day.

Eye protection

Wear safety glasses or face shield.

Skin and body protection

Skin should be washed after contact.

Hygiene measures

Ensure that eye flushing systems and safety showers are located close to the work place. When using do not eat, drink or smoke. Wash contaminated clothing before reuse. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state	Liquid
Form	Aerosol
Color	Colorless to pale straw color
Odor	Slight hydrocarbon smell
Odor threshold	Not available
pH	Not available.
Melting point/freezing point	Not available
Initial boiling point	>260°C (500°F)
Flash point	None (Tag Closed Cup)
Evaporation rate	Slow
Flammability (solid, gas)	Not available

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Upper/lower flammability or explosive limits

Flammability limit - lower (%)	Not applicable
Flammability limit - upper (%):	Not applicable
Upper explosion limit	Not available.
Lower explosion limit	Not available.
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility (water)	Not available
Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity (kinematic)	Not available
Percent volatile	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	This product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Heat, flame and sparks. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents; metals; powdered metal; amines, strong bases
Hazardous decomposition products	Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Likely routes of exposure

Inhalation	May cause drowsiness, dizziness,
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	headache, nausea and vomiting
Skin contact	Causes skin irritation
Eye contact	Direct contact with eyes may cause temporary irritation
Ingestion	Single dose oral toxicity is considered extremely low. Swallowing large amounts may cause injury if aspirated into lungs as it can be rapidly absorbed through the lungs and result in injury to other body systems.
Systems related to the physical, chemical and toxicological characteristics	May cause drowsiness, dizziness, headache, nausea, vomiting, irritation of the nose and throat, irritation of eyes and mucous membranes and irritation of skin I May cause redness and pain.

Information on toxicological effects

Acute toxicity

Narcotic effects

Components	Species	Test Results
Petroleum Distillates		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 5000 mg/kg
Inhalation		
LC50	Rat	> 5mg/kg, 4 hours calculated
Oral		
LD50	Rat	> 5000 mg/kg

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.
Respiratory sensitization	Not a respiratory sensitizer
Skin sensitization	This product is not expected to cause skin

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sensitization.

Germ cell mutagenicity

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity

IARC

No ingredient in this product present at levels greater than or equal to 0.1% is identified as probably, possible or confirmed human carcinogen by IARC.

NTP

No ingredient in this product present at levels greater than or equal to 0.1% is identified as probably, possible or confirmed human carcinogen by NTP.

ACGIH

No ingredient in this product present at levels greater than or equal to 0.1% is identified as probably, possible or confirmed human carcinogen by ACGIH.

SECTION 12. ECOLOGICAL INFORMATION

Components	Species	Test Results
Aquatic toxicity		No data available
Toxicity to fish		No data available
Toxicity to aquatic invertebrates		No data available
Toxicity to algae		No data available
Chronoic toxicity to fish		No data available
Chronic toxicity to fish		No data available
Chronic toxicity to aquatic invertebrates		
Biodegradation		Readily biodegradable
Mobility in soil		Not available
Other adverse effects		No other adverse environmental effects (e.g., ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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SECTION 13. DISPOSAL CONSIDERATIONS

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

UN number	UN1950
UN proper shipping name	Aerosols, limited quantity
Transport hazard class(es)	
Class	2.2
Label(s)	2.2
Packing group	Not applicable
Special precautions for user	Forbidden from transportation by air
Packaging non-bulk	None
Packaging bulk	None
IATA	
UN number	UN1950
UN proper shipping name	Aerosols, non-flammable, containing substances in Division 6.1, Packing Group III
Transport hazard class(es)	
Class	2.2
Packing group	Not applicable
ERG Code	2
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Allowed with restrictions
Cargo aircraft only	Not recommended for air travel.

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IMDG

UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2
Packing Group	Not applicable.
Environmental hazards	
Marine pollutant	No
EmS	F-D, S-U
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling

SECTION 15. REGULATORY INFORMATION

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Petroleum Distillates, hydrotreated light CAS 64742-47-8

SARA 304 Emergency release notification

Not regulated

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated

US EPCRA (SARA Title III) Section 313 – Toxic Chemical: Listed substance

Diphenylamine CAS 122-39-4

Zinc bis(diethyldithiocarbamate) CAS 14324-551-1

CERCLA Hazardous Substance List (40 CFR 302.4)

CERCLA Hazardous Substances: Reportable Quantity

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

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Not regulated

Safe Drinking Water Act (SDWA)

Not regulated

Food and Drug Administration (FDA)

Not regulated

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 311/312

Immediate Hazard

Yes

Hazard Categories

Delayed Hazard – Yes

Fire Hazard – No

Pressure Hazard – Yes

Reactivity Hazard – No

SARA 302

No hazardous substance

US State Regulations**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd.(a))**

None.

US. New Jersey Worker and Community Right to Know Act

Diphenylamine CAS 122-39-4

US. Massachusetts Right to Know – Substance List

Diphenylamine CAS 122-39-4

Bis(2,2,6,6-tetramethyl-4-piperyl) sebacate CAS 52829-07-9

Zinc bis(diethylthiocarbamate) CAS 14324-551-1

US. Pennsylvania Worker and Community Right to Know Law

2,'6,6'—Tetra-tert-butyl-4-4'-methylenediphenol CAS 118-82-1

Diphenylamine CAS 122-39-4

Bis(2,2,6,6-tetramethyl-4-piperyl) sebacate CAS 52829-07-9

US. Rhode Island Right to Know Law

None.

US. California Proposition 65

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This product does not contain compounds known to the state of California to cause cancer.

US – California Proposition 65 – CRT: Listed date/Carcinogenic substance

Volatile organic compounds (VOC) regulations

EPA

VOC content

(40 CFR, 0 % 51.100(s))

Consumer products

Not regulated

(40 CFR 59, Subpt. C)

State

Consumer products

This product is regulated as an Energized Electrical Cleaner for the following states:

California, Connecticut, Delaware, District of Columbia, Illinois, Indiana, Maine, Maryland, Massachusetts, Michigan, New Jersey, New York, Ohio, Pennsylvania, Rhode Island and Virginia. It is for energized equipment use only. It is not to be used for motorized vehicle maintenance or their parts. This product is compliant for use in all 50 states.

VOC content (CA) 0 %

VOC content (OTC) 0 %

SECTION 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	1
FLAMMABILITY	2
PHYSICAL HAZARD	0

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0=not significant, 1=Slight, 2=Moderate,
3=High, 4-Extreme, *=Chronic

Sources of key data used to compile the SDS

Internal technical data, data from raw material SDSs, OECD eChem Portal search results and the European Chemicals Agency, <http://echa.europa.eu/>

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end-product, if applicable.