



SAFETY DATA SHEET PROTECTIVE GUN OIL

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME PROTECTIVE GUN OIL

PRODUCT NO. EPGO01

APPLICATION Multipurpose oil

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2 HAZARDS IDENTIFICATION

Harmful: may cause lung damage if swallowed.

CLASSIFICATION Xn;R65.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
1-decene, dimer hydrotreated	500-228-5	68649-11-6	80-100%	Xn;R65.
2-BUTOXYETHANOL	203-905-0	111-76-2	<0.5%	Xn;R20/21/22 Xi;R36/38

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels
Ingredients are registered on AICS

4 FIRST-AID MEASURES

NOTES TO THE PHYSICIAN

Treat symptomatically

INHALATION

Move the exposed person to fresh air at once. Provide rest, warmth and fresh air. Get medical attention.

INGESTION

DO NOT induce vomiting if swallowed chemical is dissolved in petroleum-based material. Danger of aspiration and development of chemical pneumonia. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Get medical attention immediately!

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

PROTECTIVE GUN OIL

EXTINGUISHING MEDIA

Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
2-BUTOXYETHANOL	WEL	25 ppm(Sk)	123 mg/m3	50 ppm(Sk)		

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits European WEL compares with Australian Standard Time-weighted Average (TWA)

ENGINEERING MEASURES

All handling to take place in well-ventilated area.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet.

Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin.

When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid	RELATIVE DENSITY	0.810 - 0.860 @ 20 °c
COLOUR	Amber	AUTO IGNITION	350
ODOUR	No characteristic odour.	TEMPERATURE (°C)	
SOLUBILITY	Insoluble in water		
MELTING POINT (°C)	<-62		
FLASH POINT (°C)	136 CC (Closed cup).		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

PROTECTIVE GUN OIL

CONDITIONS TO AVOID

Avoid contact with acids and oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION

INHALATION

Prolonged inhalation of high concentrations may damage respiratory system. Vapours may cause headache, fatigue, dizziness and nausea.

INGESTION

Harmful: may cause lung damage if swallowed. Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

SKIN CONTACT

No specific health warnings noted.

EYE CONTACT

May cause severe irritation to eyes.

HEALTH WARNINGS

The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.

ROUTE OF ENTRY

Inhalation. Skin absorption.

TARGET ORGANS

Skin. Eyes. Respiratory system, lungs.

Name	2-BUTOXYETHANOL
Toxic Dose 1 - LD 50	1480 mg/kg (oral rat)
Name	4-HYDROXY-4-METHYLPENTAN-2-ONE
Toxic Dose 1 - LD 50	4000 mg/kg (oral rat)

12 ECOLOGICAL INFORMATION

ECOTOXICITY

No data on possible environmental effects have been found.

Name	2-BUTOXYETHANOL
LC 50, 96 Hrs, FISH mg/l	1700
EC 50, 48 Hrs, DAPHNIA, mg/l	>1000
IC 50, 72 Hrs, ALGAE, mg/l	500
Name	4-HYDROXY-4-METHYLPENTAN-2-ONE
LC 50, 96 Hrs, FISH mg/l	420

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

	No transport warning sign required.		
ROAD TRANSPORT NOTES	Not Classified		
RAIL TRANSPORT NOTES	Not Classified.		
SEA TRANSPORT NOTES	Not Classified.		
AIR TRANSPORT NOTES	Not Classified.		
ADR CLASS	Not classified for transportation.	MARINE POLLUTANT	No.

15 REGULATORY INFORMATION

SYMBOLS

PROTECTIVE GUN OIL



Harmful

CONTAINS 1-decene, dimer hydrotreated

RISK PHRASES

R65 Harmful: may cause lung damage if swallowed.

SAFETY PHRASES

S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations.

The Control of Substances Hazardous to Health Regulations 1988.

ENVIRONMENTAL LISTING

Control of Pollution Act 1974. Control of Pollution (Special Waste Regulations) Act 1980. Rivers (Prevention of Pollution) Act 1961.

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

System of specific information relating to Dangerous Preparations. 2001/58/EC.

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

16 OTHER INFORMATION

REVISION COMMENTS

Revised in accordance with CHIP3 and EU Directives 1999/45/EC and 2001/58/EC

ISSUED BY

Helen O'Reilly

REVISION DATE NOVEMBER 2008

REV. NO./REPL. SDS 3

GENERATED

SDS NO. 11524

RISK PHRASES IN FULL

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R36/38 Irritating to eyes and skin.

R65 Harmful: may cause lung damage if swallowed.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.