MATERIAL SAFETY DATA SHEET

according VO (EG) Nr. 1907/2006

Revision: 25.10.2015
Version: 1.0

1.1 Product identifier
Name of product: **Walther Pro Gun Care Universal-Spray / 3.2057 / 3.2058 / 3.2068 / 3.2069**

1.2 Relevant identified uses of the substance or mixture and uses advised against
Recommended intended purpose(s) lubricants, rust remover, maintenance products **Homepage:** www.umarex.de
Uses advised against
None known

Details of the supplier of the safety data sheet
Company: Umarex GmbH & Co. KG
Donnerfeld 2 D-59757 Arnsberg
Telephone: +49(0)2932-638-01

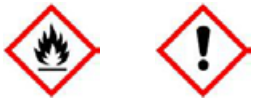
Advice: Laboratory

02. Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Aerosol 1: H222 – H229
STOT SE 3: H336
Aquatic Chronic 3: H412

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]



DANGER

Contains: Naphtha (petroleum), hydrotreated heavy aromatics

Hazardous ingredients for labelling
Contains: >30% aliphatic hydrocarbons
<5% aromatic hydrocarbons, perfume

Hazard Statements
H222: Extremely flammable aerosol
H229: Pressurized container. May burst if heated.
H336: May cause drowsiness or dizziness.
EUH018: In use may form flammable/explosive vapour-air mixture.
EUH066: Repeated exposure may cause skin dryness or cracking.

Precautionary Statements
P102: Keep out of reach of children.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211: Do not spray on an open flame or other ignition source.
P251: Do not pierce or burn, even after use.
P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.
P271: Use only outdoors or in a well-ventilated area.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P403: Store in a well-ventilated place.
P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501: Dispose of contents/container to accordance with local/regional/national/international regulations.

2.3 Other hazards
Results of PBT and vPvB assessment
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

03. Composition/information on ingredients

3.1 Substances
Not applicable

3.1 Mixtures
Description
Preparation of different active substances.

Substance	EINECS/EG Reg. No	CAS	Contant [%]	Classification
Naphtha (petroleum), hydrotreated heavy aromatics	265-150-3 01-2119463258-33-xxxx	64742- 48-9	25 -< 50	Flam. Liq.3, H226; Asp. Tox. 1, H304; STOT SE 3, H336; EUH066
Isobutane	200-857-2	75-28-5	25 -< 50	Flam. Gas 1, H220; Press. Gas, H280
Propane	200-827-9	74-98-6	10 -< 25	Flam. Gas 1, H220; Press. Gas, H280
Mineral Oil	200-857-2	75-28-5	2,5 -< 10	Asp. Tox. 1, H304
Alkaryl polyether	Polymer		< 2,5	Eye Irrit. 2, H319; Skin. Irrit. 2, H315; Aquatic chron. 2, H411
1,2,4-Trimethylbenzene	202-436-9	95-63-6	0,1 -< 0,3	Flam. Liq. 3, H226; Aqu. chron. 2, H411; Acute Tox. 4, H332; Eye Irrit. 2 H319; Skin Irrit: 2 H315; STOT SE 3, H335

04. First aid measures

4.1 Description of first aid measures
General information
Remove contaminated soaked clothing immediately.

In case of inhalation
Remove the casualty into fresh air and keep him immobile.
In the event of symptoms refer for medical treatment.

In case of skin contact
Remove contaminated clothing.
In case of contact with skin wash off with soap and water.
Consult a doctor if skin irritation persists.

In case of eye contact
In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

If swallowed
Not applicable

4.2 Most important symptoms and effects, both acute and delayed
Physician's information / possible symptoms
Drowsiness and dizziness. Irritation and dermatitis, weakness.

4.3 Indication of any immediate medical attention and special treatment needed treatment (advice to doctor)
No data available.

05. Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media
Alcohol-resistant foam, dry powder, carbon dioxide, water spray jet.
Unsuitable extinguishing media
Full water jet.

5.2 Special hazards arising from the substance or mixture
Exposure to decomposition products may cause health problems.
In case of fire formation of dangerous gases possible.

5.3 Advice for fire-fighters
Special protective equipment for fire-fighters
Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

Additional information
Cool endangered containers with water spray jet.
Fire residues and contaminated fire extinguishing water must be disposed in accordance with the local regulations.
Pay attention to flashback. Because of the high vapour pressure when heated bursting of the vessels.

06. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
For non-emergency personnel
Refer to protective measures listed in sections 7 and 8 Personal equipment. Remove all sources of ignition. Avoid contact with eyes and skin. Ensure adequate ventilation, especially in confined spaces. Personnel evacuate immediately to safe place. Avoid inhalation of vapours or mist. Vapours may accumulate in low lying areas and may form flammable/explosive vapour-air mixture.

6.2 Environmental precautions
Do not discharge into the drains/ surface waters/ groundwater.
Inform pollution control authorities if product gets into the sewerage systems or surface waters.

6.3 Methods and material for containment and cleaning up
Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).
After taking up the material dispose according to local regulations.

6.4 Reference to other sections
Safe handling: see section 7
Disposal: see section 8.
Personal protection equipment: see section13.

07. Handling and storage

7.1 Precautions for safe handling
Advice on safe handling
Inventory levels at the workplace must be restricted. Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.
Vapours and spray mists.

General protective measures
Avoid contact with eyes and skin.
Do not inhale gases/vapours/aerosols.
Hygiene measures
At work do not eat, drink and smoke.
Wash hands before breaks and after work.

Advice on protection against fire and explosion
Keep away from sources of ignition – No smoking.
Do not spray on a naked flame or any incandescent material. Prevent the creation of flammable or explosive concentration of vapour in air and avoid vapour exposure limits. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Take precautionary measures against static discharges. Electrical equipment should be protected to the appropriate standards.

7.2 Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels
Store in original container. CAUTION: Aerosol are under pressure. Keep away from direct sunlight and temperatures above 50°C/122°F. Do not spray on flames or red-hot objects. Keep container tightly closed in a dry, cool and well ventilated place. Storage regulations for aerosols!

Advice on storage compatibility
Do not store together with food.
Do not store together with animal feedstuffs.

7.3 Specific end use(s)
Recommendation(s) for intended use
No data available.

08. Exposure controls / personal protection

8.1 Control parameters

Indicative occupational exposure limit values (91/322/EEC, 2006/15/EC or 2009/161/EU)

Substance	[ppm]	[mg/m³]	Code
1,2,4-trimethylbenzene	20	100	8 hours
Propane	1000	1800	DFG 4 (II)
Isobutane	1000	2400	DFG 4 (II)

DNEL-/PNEC-values:
DNEL worker

Substance	value	Code
Naphtha (petroleum), hydrotreated heavy	208 mg/kg bw/day	Long-term dermal (systemic)
	871 mg/m³	Long-term inhalative (systemic)

Substance	value	Code
1,2,4-trimethylbenzene	16171 mg/kg bw/day	Long-term dermal (systemic)
	100 mg/m³	Long-term inhalative (systemic)
	100 mg/m³	Short-term inhalative (systemic)
	100 mg/m³	Long-term inhalative (locale)

DNEL consumer

Substance	value	Code
Naphtha (petroleum), hydrotreated heavy	125 mg/kg bw/day	Long-term dermal (systemic)
	185 mg/m³	Long-term inhalative (systemic)
	125 mg/kg bw/day	Long-term oral (repeated)

Substance	value	Code
1,2,4-trimethylbenzene	9512 mg/kg bw/day	Long-term dermal (systemic)
	29,4 mg/m³	Long-term inhalative (systemic)
	29,4 mg/m³	Short-term inhalative (systemic)
	29,4 mg/m³	Long-term inhalative (locale)
	29,4 mg/m³	Short-term inhalative (locale)
	15 mg/kg	Long-term oral (systemic)

PNEC

Substance	value	Code
1,2,4-trimethylbenzene	0,12 mg/l	Fresh water
	0,12 mg/l	Marine water
	0,12 mg/l	Water (intermittent releases)
	2,41 mg/l	STP
	13,56 mg/kg dwt	Sediment (fresh water)
	13,56 mg/kg dwt	Sediment (marine water)
	2,34 mg/kg dwt	Soil

Additional advice:
The statutory local and national regulations have to be observed.

8.2 Exposure controls
Appropriate engineering controls
Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

Respiratory protection
At concentrations above the exposure limit they must use respiratory protection. Respirator with combination filter for particles and vapours (EN 371). Filter AX or environment-independent breathing apparatus.

Hand protection
In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.
The glove material has to be impermeable and resistant to the product/the substance/the preparation. The selection of the suitable gloves does not only depend on the material, but also on other quality characteristics and varies from manufacturer to manufacturer. The exact break through time has to be requested from the protective glove manufacturer and must be observed.
Glove material: Nitrile rubber, butyl rubber, fluorocarbon rubber.
Penetration time (maximum wearing period): 480min

Eye protection
Tightly fitting safety glasses according to EN 166

Other protection measures
Protective clothing

Hygiene measures
Handle with good industrial hygiene and safety practice. General industrial hygiene measures. Do not breathe spray. Avoid contact with skin, eyes and clothing. When using do not eat, drink or smoke. Wash hands before breaks and after work. Wash contaminated clothing before reuse.

Environmental exposure controls
General advice
Do not flush into surface water or sanitary sewer. Take up leakage or spillage if possible without risk. If the product contaminates drains/ surface waters/ groundwater inform respective authorities.

09. Physical and chemical properties

Appearance:	aerosol
Color:	yellowish
Odour:	solvent-like
Odour threshold:	not determined
Change in condition	
Melting point / melting range:	not determined
Boiling temperature [°C]:	not determined
Flashpoint [°C]:	not determined
Ignition temperature [°C]:	not determined
pH value:	not applicable
Flammability (gas):	not applicable
Lower explosion limit [Vol%]:	1.4
Upper explosion limit [Vol%]:	8.3
Relative density [g/cm³]:	0.85
Vapour pressure [hPa]:	not determined
Vapourisation rate:	not determined
Vapour density:	not determined
Solubility in water:	insoluble

Partition coefficient n-octanol/water (log P O/W): not determined

Decomposition temperature: not determined

Viscosity: not determined

Solvent content: 31%

Oxidising properties:
No information available.

Explosive properties
The product is considered non-explosive; nevertheless explosive vapour/air mixtures can be generated.

9.2 Other information
No relevant information available.

10. Stability and reactivity

10.1 Reactivity
No data available.

10.2 Chemical stability
Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions
No decomposition if stored and applied. Vapours may form explosive mixtures with air. Because of the high vapour pressure when heated bursting of the vessels.

10.4 Conditions to avoid
Keep away from heat, flames and sparks.

10.5 Incompatible materials
No relevant information available.

10.6 Hazardous decomposition products
Possible in case of fire/high temperature the formation of hazardous/toxic fumes.

11. Toxicological information

11.1 Informations on toxicological effects
Acute toxicity/Irritation/Sensitization

Naphtha (petroleum)
Acute oral LD50: >5000 mg/l rat
Acute dermal LD50: >5000 mg/l rabbit
Acute inhalation LC50 (4h): 4951 mg/m³ rat

Skin irritation
May cause irritation.
Eye irritation
May cause irritation.
Skin sensitization
This product is not reported to have any skin sensitization effects.

Mutagenicity
No experimental information on genotoxicity in vivo available.

Reproduction-Toxicity
No indications of toxic effects were observed in reproduction studies in animals.

Carcinogenicity
No indications of carcinogenic effects are available from long-term trials.

Specific target organ toxicity (single exposure)
May cause drowsiness or dizziness. Irritation and dermatitis, weakness.

Aspiration hazard
May be fatal if swallowed and enters airways.

Experiences made from practice
Often and long skin contact may cause degreasing and desiccation of the skin which may cause skin irritation.

Additional information
The product is to be handled with the caution usual with chemicals.
Other hazardous properties may not be excluded.
The product has not been tested. The information is derived from the properties of the individual components.

12. Ecological information

12.1 Toxicity

Naphtha (petroleum)
LL/EL/IL50 (96h): Oncorhynchus mykiss: >1000 mg/l
EL0 (48h): Daphnia magna: 1000 mg/l
NOELR (72h): Pseudokirchneriella subcapitata: >1000 mg/l

12.2 Persistence and degradability
No relevant information available.

12.3 Bioaccumulative potential
The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely.

12.4 Mobility in soil
No relevant information available.

12.5 Results of PBT and vPvB assessment
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Other adverse effects
General regulation
Do not allow uncontrolled leakage of product in the environment.
Product is not allowed to be discharged into aquatic environment.
The ecotoxic effect of the product has not been tested. The information on this is given on the basis of details in the literature.

13. Disposal considerations

13.1 Waste treatment methods
Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product (recommended)
Disposal in accordance with the regulations of the local authorities.

Waste code No. (recommended) 160504* (gases in pressure containers (including halons) containing dangerous substances)

Recommendations for packaging
Dispose of according to the local official regulations.

Waste code No. (recommended) 150110* (packaging containing residues of or contaminated by dangerous substances)

General information
Assignment to a waste code number / waste identification according to the EWC is to be carried out on a sector or process-specific basis.

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14. Transport information

14.1 UN number
ADR, IMDG, IATA 1950

14.2 UN proper shipping name
Transport byland according to ADR/RID
UN 1950 AEROSOLS

Class 2

Classification code 5F

LQ, ADR 1l

Label

2.1

Transport category 2

Tunnel restriction code D

IMDG
UN 1950 AEROSOLS

EMS number: F-D S-U

Label

2.1

LQ, [l/kg]: 1l

IATA
UN 1950 AEROSOLS, flammable

Label:

2.1

14.3 Transport hazard class(es)
See section 14.2

14.4 Packing group -

14.5 Environmental hazards
Marine pollutant No

14.6 Special precautions for user
Relevant information under Section 6 to 8

14.7 Transport in bulk according to Annex II of MARPOL 73/78 And the IBC-Code:
Not applicable

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Council Directive (2012/18/EC)

	Quantity 1	Quantity 2
P3a FLAMMABLE AEROSOLS	150 t (net)	500 t (net)

VOC standard
VOC value 497 g/L

15.2 Chemical Safety Assessment
Chemical safety assessments for substances in this mixture were not carried out.

16. Other information

16.1 Hazard statements:

EUH066: Repeated exposure may cause skin dryness or cracking.
H220: Extremely flammable gas.
H226: Flammable liquid and vapour.
H280: Contains gas under pressure; may explode if heated.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizzinesss.
H411: Toxic to aquatic life with long lasting effects.

16.2 Abbreviations and acronyms:

ADR: Accord européen relatif au transport international des marchandises dangereuses par route
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN: Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
CAS: Chemical Abstract Service
DNEL: Derived No Effect Level
EC50: Median effective concentration
EINECS: European Inventory of Existing Commercial Chemical Substances
IATA: International Air Transport Association
IBC-Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG: International Maritime Code for Dangerous Goods
LC50: Lethal concentration, 50%
LD50: Median lethal dose
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
PBT: Persistent, bioaccumulative and toxic substance
VOC: Volatile organic compounds
VOCV: Swiss Ordinance on volatile organic compounds
vPvB: very Persistent and very Bioaccumulative

Recommended uses and restrictions
National and local regulations concerning chemicals shall be observed.

Further information
Each user is responsible for the implementation of the national special regulations.
The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.
Please observe the following disclaimer! Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.