

SAFETY DATA SHEET

Noxudol 750

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

SECTION 1: Identification of the substance / mixture and of the company / undertaking

Date issued 29.01.2018

Revision date 03.02.2021

1.1. Product identifier

Product name Noxudol 750

UFI 7GE0-T092-A00Q-FA7J

Article no. 30300

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

Use of the substance / preparation Corrosion inhibitor

Relevant identified uses
SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
PC6 Automotive Care Products***
PC14 Metal surface treatment products, including galvanic and electroplating products,

Industrial use Yes

Professional use Yes

Consumer use Yes

1.3. Details of the supplier of the safety data sheet**Manufacturer**

Company name Auson AB

Postal address Verkstadsgatan 3

Postcode S-434 42

City KUNGSBACKA

Country SVERIGE

Telephone number +46 300-562000

Fax +46 300-562021

Email nina.nyth@auson.se

Website	http://www.auson.se/
Contact person	Nina Nyth

1.4. Emergency telephone number

Emergency telephone	Telephone number: 112 Description: SOS Alarm
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Flam. Liq. 3; H226 Skin Sens. 1; H317 STOT SE 3; H336 EUH 066
Additional information on classification	See section 16 for explanation of hazard statements (H) listed above.

2.2. Label elements

Hazard pictograms (CLP)



Composition on the label	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% 45 - 50 %, Baseoil - unspecified, Distillates (petroleum), solvent-refined heavy paraffinic (DMSO-extract <3%) 15 -20 %
Signal word	Warning
Hazard statements	H226 Flammable liquid and vapour. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness.
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. P261 Avoid breathing vapours. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents at hazardous or special waste collection point.
Supplemental label information	EUH 066 Repeated exposure may cause skin dryness or cracking.
EC label	Yes
VOC	Product subcategory : Special finishes Relevant VOC limit values: 840 g/l Maximum content of VOC: 412,8 g/l

2.3. Other hazards

Hazard description, general	Flammable
Other hazards	None

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Composition type	Mixture			
Substance	Identification	Classification	Contents	Notes
Naphtha (petroleum) , hydrotreated heavy, benzene < 0,1%	CAS No.: 64742-48-9 EC No.: 919-857-5 Index No.: 649-327-00-6 REACH Reg. No.: 01-2119463258-33-xxxx	Flam. Liq. 3; H226 Asp. Tox. 1; H304 STOT SE 3; H336 EUH 066	45 - 50 %	1
Calcium sulfonate	CAS No.: 61789-86-4 EC No.: 263-093-9 REACH Reg. No.: 01-2119488992-18-xxxx	Skin Sens. 1; H317	4 - 7 %	1
2-Butoxyethanol	CAS No.: 111-76-2 EC No.: 203-905-0 REACH Reg. No.: 01-2119475108-36-XXXX	Acute Tox. 4; H302 Acute Tox. 4; H312 Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319	< 1 %	1
Wool fatty acid, pentaerythritol ester	CAS No.: 68440-09-5 EC No.: 270-434-5 REACH Reg. No.: 01-2119967779-10-0000		15 - 20 %	
Baseoil - unspecified, Distillates (petroleum) , solvent-refined heavy paraffinic (DMSO-extract <3%)	CAS No.: 64741-88-4 EC No.: 265-090-8 Index No.: 649-454-00-7		15 - 20 %	
Technical petrolatum	CAS No.: 8009-03-8 EC No.: 232-373-2 REACH Reg. No.: 01-2119490412-42-0007		5 - 10 %	

¹Substance classified with a health or environmental hazard

Remarks, substance	See section 16 for explanation of hazard statements (H) listed above.
Substance comments	H304 is not required on the label due to the product's viscosity.

SECTION 4: First aid measures

4.1. Description of first aid measures

General	If symptoms persist, call a physician.
Inhalation	Fresh air and rest.
Skin contact	Remove contaminated clothing. Wash the skin with water and soap.
Eye contact	Flush immediately with water for at least 5 minutes.

Ingestion	DO NOT INDUCE VOMITING! Get medical advice if large quantities have been consumed.
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4.2. Most important symptoms and effects, both acute and delayed

General symptoms and effects	The most important known symptoms and effects are described in the labelling (see section 2.2).
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4.3. Indication of any immediate medical attention and special treatment needed

Specific details on antidotes	No information available.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Dry chemical, foam or carbon dioxide (CO ₂).
Improper extinguishing media	Do not use a direct water jet that could spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Flammable. Vapours may form explosive mixtures with air.
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5.3. Advice for firefighters

Other information	Containers near fire must be moved and/or cooled with water.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Refer to protective measures listed in section 8.
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6.2. Environmental precautions

Environmental precautionary measures	Do not allow spill to enter sewers or watercourses.
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6.3. Methods and material for containment and cleaning up

Clean up	Collect with absorbent, non-combustible material into suitable containers. Clean with water.
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6.4. Reference to other sections

Other instructions	See Section 8 and section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Provide adequate ventilation. Avoid contact with skin and eyes.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in sealed, original containers in well-ventilated place. Shelf life 24 months if stored and handled as recommended.
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7.3. Specific end use(s)

Specific use(s)	See Section 1.2
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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Naphtha (petroleum) , hydrotreated heavy, benzene < 0,1%	CAS No.: 64742-48-9	Limit value (8 h) : 50 ppm Limit value (8 h) : 300 mg/ m ³ Limit value (short term) Value: 100 ppm Limit value (short term) Value: 600 mg/m ³	TWA Year: 2011
2-Butoxyethanol	CAS No.: 111-76-2	Limit value (8 h) : 50 mg/m ³ Limit value (8 h) : 10 ppm Limit value (short term) Value: 100 mg/m ³ Limit value (short term) Value: 20 ppm	
Baseoil - unspecified, Distillates (petroleum) , solvent-refined heavy paraffinic (DMSO-extract <3%)	CAS No.: 64741-88-4	Limit value (8 h) : 1 mg/m ³ Limit value (short term) Value: 3 mg/m ³	TWA Year: 1990
Control parameters comments	List source(s): EU - Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.		

DNEL / PNEC

Substance	2-Butoxyethanol
DNEL	<p>Group: Consumer Route of exposure: Long-term oral (systemic) Value: 6.3 mg/kg bw/day Comments: Data source: ECHA</p> <p>Group: Consumer Route of exposure: Long-term inhalation (systemic) Value: 59 mg/m³ Comments: Data source: ECHA</p> <p>Group: Consumer Route of exposure: Long-term dermal (systemic) Value: 75 mg/kg bw/day</p>

PNEC	Comments: Data source: ECHA
	Group: Consumer
	Route of exposure: Acute inhalation (local)
	Value: 147 mg/m ³
	Comments: Data source: ECHA
	Group: Consumer
	Route of exposure: Acute oral (systemic)
	Value: 26.7 mg/kg bw/day
	Comments: Data source: ECHA
	Group: Consumer
	Route of exposure: Acute inhalation (systemic)
	Value: 426 mg/m ³
	Comments: Data source: ECHA
Group: Professional	
Route of exposure: Long-term inhalation (systemic)	
Value: 98 mg/m ³	
Comments: Data source: ECHA	
Group: Professional	
Route of exposure: Long-term dermal (systemic)	
Value: 125 mg/kg bw/day	
Comments: Data source: ECHA	
Group: Professional	
Route of exposure: Acute inhalation (local)	
Value: 246 mg/m ³	
Comments: Data source: ECHA	
Group: Professional	
Route of exposure: Acute inhalation (systemic)	
Value: 1091 mg/m ³	
Comments: Data source: ECHA	
Group: Professional	
Route of exposure: Acute dermal (systemic)	
Value: 89 mg/kg bw/day	
Comments: Data source: ECHA	
Route of exposure: Freshwater	
Value: 8.8 mg/l	
Comments: Data source: ECHA	
Route of exposure: Saltwater	
Value: 0.88 mg/l	
Comments: Data source: ECHA	
Route of exposure: Water	
Value: 9.1 mg/l	
Comments: Data source: ECHA	
Route of exposure: Sewage treatment plant STP	
Value: 463 mg/l	

	<p>Comments: Data source: ECHA</p> <p>Route of exposure: Freshwater sediments Value: 34.6 mg/kg Comments: Data source: ECHA</p> <p>Route of exposure: Saltwater sediments Value: 3.46 mg/kg Comments: Data source: ECHA</p> <p>Route of exposure: Soil Value: 2.33 mg/kg dw Comments: Data source: ECHA</p>
Summary of risk management measures, human	No information available.
Summary of risk management measures, environment	No information available.

8.2. Exposure controls

Safety signs



Precautionary measures to prevent exposure

Appropriate engineering controls	No smoking, fire, sparks or welding. Eye wash facilities and emergency shower must be available when handling this product. Keep containers closed, as much as possible. Provide good ventilation.
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Eye / face protection

Suitable eye protection	Wear approved, tight fitting safety glasses where splashing is probable.
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Hand protection

Skin- / hand protection, short term contact	Protective gloves must be used if there is a risk of direct contact or splashes.
Suitable materials	Nitrile rubber.
Breakthrough time	Value: > 480 min Comments: Change protective gloves regularly in order to avoid penetration problems.
Thickness of glove material	Value: $\geq 0,38$ mm

Skin protection

Skin protection remark	Wear protective clothing as needed.
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Respiratory protection

Respiratory protection necessary at	Use respiratory protection when handling the product in confined areas.
Recommended respiratory protection	Filter apparatus type: Respirator with A filter (brown).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Slightly viscous liquid
Colour	Light brown
Odour	Characteristic.
Odour limit	Comments: Not determined.
pH	Comments: N/A
Melting point / melting range	Comments: Not determined.
Boiling point / boiling range	Value: 150 °C
Flash point	Value: 40 °C
Vapour pressure	Value: < 10
Density	Value: ~ 850 kg/m ³ Temperature: 20 °C
Solubility	Comments: Soluble in organic solvents.
Partition coefficient: n-octanol/ water	Comments: Not determined.
Auto-ignition temperature	Value: > 200 °C
Viscosity	Value: 26 -28 mm ² /s Temperature: 40 °C Type: Kinematic

9.2. Other information

9.2.2. Other safety characteristics

Comments	No further relevant information available.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Keep away from heat / sparks / open flames / hot surfaces. – No smoking.
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10.2. Chemical stability

Stability	Stable with normal handling.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No hazardous reactions known.
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10.4. Conditions to avoid

Conditions to avoid	No information available.
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10.5. Incompatible materials

Materials to avoid	No hazardous reactions known.
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10.6. Hazardous decomposition products

Hazardous decomposition products	No hazardous decomposition products. Fire causes formation of: Carbon monoxide, carbon dioxide.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%
Acute toxicity	<p>Effect tested: LD50 Route of exposure: Oral Value: > 2000 mg/kg Animal test species: Rat</p> <p>Effect tested: LD50 Route of exposure: Dermal Value: > 2000 mg/kg Animal test species: Rabbit</p> <p>Effect tested: LC50 Route of exposure: Inhalation. Duration: 4h Value: > 5000 mg/m³ Animal test species: Rat</p>
Substance	2-Butoxyethanol
Acute toxicity	<p>Effect tested: LD50 Route of exposure: Oral Value: > 1000 - 2000 mg/kg Animal test species: Rat</p> <p>Effect tested: LC50 Route of exposure: Inhalation. Duration: 4 hour(s) Value: 2,2 mg/l Animal test species: Rat Test reference: ECHA</p>
Substance	Wool fatty acid, pentaerythritol ester
Acute toxicity	<p>Effect tested: LD50 Route of exposure: Oral Value: > 2.000 mg/kg Animal test species: Rat</p>
Substance	Baseoil - unspecified, Distillates (petroleum), solvent-refined heavy paraffinic (DMSO-extract <3%)

Acute toxicity	<p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: > 2000 mg/kg</p> <p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Dermal Value: > 2000 mg/kg</p>
Substance	Technical petrolatum
Acute toxicity	<p>Effect tested: LD50 Route of exposure: Oral Value: > 5000 mg/kg Animal test species: Rat</p> <p>Effect tested: LD0 Route of exposure: Dermal Value: > 2000 mg/kg Animal test species: Rat</p>

Other information regarding health hazards

Acute toxicity, human experience	Not classified.
Skin corrosion / irritation, human experience	May cause an allergic skin reaction.
Eye damage or irritation, human experience	Reliable information on eye effects is lacking. There is no reason to suspect such effects, but handle it with care and report any symptoms or injuries to the manufacturer or the distributor
General respiratory or skin sensitisation	May cause an allergic skin reaction.
General	Solvent vapours may evaporate from the product. The symptoms below are applicable to the properties of the solvents.
Inhalation	May cause headache and dizziness. Inhalation of high vapour concentrations may cause symptoms such as headache, dizziness, fatigue, nausea and vomiting.
Skin contact	Defats the skin; may cause cracking and dermatitis.
Eye contact	Vapour or splashes in the eyes may cause irritation and smarting.
Ingestion	Nausea and vomiting.
Assessment of germ cell mutagenicity, classification	The chemical structure does not suggest a mutagenic effect.
Carcinogenicity, other information	Does not present any cancer or reproductive hazards.
Reproductive toxicity	The chemical structure does not suggest such an effect.
Specific target organ toxicity - single exposure, human experience	May cause drowsiness or dizziness.
Specific target organ toxicity - repeated exposure, human experience	Based on available data, the classification criteria are not met.

Aspiration hazard, comments	Not classified.
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11.2 Other information

Endocrine disruption	This product does not contain any known or suspected endocrine disruptors.
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SECTION 12: Ecological information

12.1. Toxicity

Substance	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%
Aquatic toxicity, fish	Value: > 100 mg/L Test duration: 96h Method: LC50
Substance	2-Butoxyethanol
Aquatic toxicity, fish	Toxicity type: Acute Value: 1474 mg/l Effect dose concentration: LC50 Exposure time: 96 hour(s) Species: rainbow trout Test reference: ECHA
Substance	Wool fatty acid, pentaerythritol ester
Aquatic toxicity, fish	Toxicity type: Acute Value: > 100 mg/l Effect dose concentration: LL50 Exposure time: 96 hour(s) Method: OECD 203
Substance	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%
Aquatic toxicity, algae	Value: > 100 mg/L Test duration: 72h Method: EC50
Substance	2-Butoxyethanol
Aquatic toxicity, algae	Toxicity type: Acute Value: 1840 mg/l Effect dose concentration: EC50 Exposure time: 72 hour(s) Species: Pseudokirchnerella subcapitata Test reference: ECHA
Substance	Wool fatty acid, pentaerythritol ester
Aquatic toxicity, algae	Toxicity type: Acute Value: > 100 mg/l Effect dose concentration: EL50 Exposure time: 72 hour(s) Method: OECD TG 201
Substance	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%
Aquatic toxicity, crustacean	Value: > 100 mg/L Test duration: 48h

	Method: EC50
Substance	Wool fatty acid, pentaerythritol ester
Aquatic toxicity, crustacean	Toxicity type: Acute Value: > 100 mg/l Effect dose concentration: EL50 Exposure time: 48 hour(s) Species: Daphnia magna Method: OECD TG 202
Ecotoxicity	Ecotoxicity data are not known for this product.

12.2. Persistence and degradability

Persistence and degradability description/evaluation	Not readily degradable.
Substance	2-Butoxyethanol
Biodegradability	Value: 90 % Method: CO2 evolution Test period: 28 day(s)

12.3. Bioaccumulative potential

Bioaccumulation, comments	Has the potential to bioaccumulate.
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12.4. Mobility in soil

Mobility	No data available.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	The product does not contain any PBT or vPvB substance.
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12.6. Endocrine disrupting properties

Endocrine disrupting properties	This product does not contain any known or suspected endocrine disruptors.
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12.7. Other adverse effects

Additional ecological information	Quantitative data on the ecological effects of this product are not available. Do not allow to enter waters, waste water or soil.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Do not allow discharges to sewer, watercourses or ground. Dispose of in compliance with local regulations.
Appropriate methods of disposal for the contaminated packaging	Empty containers should be transported to local recycling facility or waste treatment facility.
EWC waste code	EWC waste code: 130205 mineral-based non-chlorinated engine, gear and lubricating oils

EWL packing	Classified as hazardous waste: Yes
Other information	Classified as hazardous waste: No
	EWC code is only a suggestion, final consumer selects a suitable EWC code.

SECTION 14: Transport information

Dangerous goods	Yes
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14.1. UN number

ADR/RID/ADN	1139
IMDG	1139
ICAO/IATA	1139

14.2. UN proper shipping name

Proper shipping name English ADR/RID/ADN	COATING SOLUTION
Technical name/Danger releasing substance English ADR/RID/ADN	Petroleum products
ADR/RID/ADN	COATING SOLUTION
Technical name/danger releasing substance ADR/RID/ADN	Petroleum products
IMDG	COATING SOLUTION
Technical name/danger releasing substance IMDG	Petroleum products
ICAO/IATA	COATING SOLUTION
Technical name/danger releasing substance ICAO/IATA	Petroleum products

14.3. Transport hazard class(es)

ADR/RID/ADN	3
Classification code ADR/RID/ADN	F1
IMDG	3
ICAO/IATA	3

14.4. Packing group

ADR/RID/ADN	III
IMDG	III
ICAO/IATA	III

14.5. Environmental hazards

ADR/RID/ADN	No
IMDG	No

14.6. Special precautions for user

14.7. Maritime transport in bulk according to IMO instruments

Product name	COATING SOLUTION
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Additional information

Hazard label ADR/RID/ADN	3
Hazard label IMDG	3
Hazard label ICAO/IATA	3

ADR/RID Other information

Tunnel restriction code	D/E
Transport category	3
Hazard No.	30
Other applicable information ADR/RID	30

IMDG Other information

EmS	F-E, S-E
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SECTION 15: Regulatory information

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

EEC-directive	2006/121/2006
Biocides	No
Nanomaterial	No
References (laws/regulations)	The product is classified and labelled in accordance with EEC guidelines or national legislation.
Legislation and regulations	Regulation (EC) nr. 2015/830 Regulation (EC) nr. 1272/2008.

15.2. Chemical safety assessment

Chemical safety assessment performed	No
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SECTION 16: Other information

Supplier's notes	These data are based on our best knowledge to date, however they do not imply any guarantee on the properties or quality of the product.
List of relevant H-phrases (Section 2 and 3)	EUH 066 Repeated exposure may cause skin dryness or cracking. H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H336 May cause drowsiness or dizziness.

Version

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Expired date

03.02.2024