

Safety Data Sheet

Carosol Rostskyddsvax Universal, spray

Replaces date: 16/12/2015

Revision date: 15/10/2019

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

1.1. Product identifier

Trade name: Carosol Rostskyddsvax Universal, spray**Article no**

Article no	Description
11240	

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

Recommended uses: Antirust agent

1.3. Details of the supplier of the safety data sheet

Manufacturer

Company: Hagmans Nordic AB
Address: Box 112
Zip code: 511 10
City: Fritsla
Country: SWEDEN
E-mail: info@hagmansnordic.com
Phone: +46(0)320-18900
Homepage: www.hagmans.com

1.4. Emergency Telephone Number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Aerosol 1;H222 Aerosol 1;H229 Skin Sens. 1B;H317 STOT SE 3;H336 STOT RE 1;H372 Aquatic Chronic 2;H411**Most serious harmful effects:** Extremely flammable aerosol. Pressurised container: May burst if heated. May cause an allergic skin reaction. May cause drowsiness or dizziness. Causes damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Pictograms**Signal word:** Danger**Contains****Substance:** Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%); Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics; Sulfonic acids, petroleum, calcium

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salts

H-phrases

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.

P-phrases

P102	Keep out of reach of children.
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P309+311	IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental information

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards
SECTION 3: Composition/information on ingredients
3.2. Mixtures

Substance	CAS No	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)		919-446-0	01-2119458049-33	30 - 60%		Flam. Liq. 3;H226 Asp. Tox. 1;H304 STOT SE 3;H336 STOT RE 1;H372 Aquatic Chronic 2;H411
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	919-857-5	01-2119463258-33-xxxx	5 - 10%		Flam. Liq. 3;H226 Asp. Tox. 1;H304 STOT SE 3;H336
Sulfonic acids, petroleum, calcium salts	61789-86-4	263-093-9	01-2119488992-18	5 - 10%		Skin Sens. 1B;H317
Ester phosphate acid neutralized	90506-47-1	291-909-3		< 2.5%		Skin Irrit. 2;H315 Eye Irrit. 2;H319
propane	74-98-6	200-827-9		10 - 15%		Flam. Gas 1;H220 Press. Gas Comp. gas;H280
butane	106-97-8	203-448-7	01-2119474691-32-xxxx	10 - 15%		Flam. Gas 1;H220 Press. Gas Comp. gas;H280

Please see section 16 for the full text of H-phrases.

SECTION 4: First aid measures

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4.1. Description of first aid measures

Inhalation:	Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion:	Seek medical advice in case of discomfort. Apart from intentional ingestion, swallowing of major quantities is improbable.
Skin contact:	Remove contaminated clothing. Wash skin with soap and water.
Eye contact:	Rinse immediately with plenty of water. Hold eyelids apart. Remove contact lenses. Contact physician if irritation persists.
General:	When obtaining medical advice, show the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed

See section 11

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Use water or water mist to cool non-ignited stock. Extinguish with powder, foam, carbon dioxide or water mist.
Unsuitable extinguishing media:	Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Extremely flammable CAUTION! Aerosol containers may explode.

5.3. Advice for fire-fighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Keep unnecessary personnel away. Provide adequate ventilation. Smoking and naked flames prohibited.
See section 8 for type of protective equipment.

6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or ground.

6.3. Methods and material for containment and cleaning up

Absorb in an inert material (sand, vermiculite, etc.) and collect into a suitable container.

6.4. Reference to other sections

Information regarding the safe handling, see Chapter 7.
See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

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7.1. Precautions for safe handling

Provide good ventilation. Eliminate all sources of ignition.

Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

7.2. Conditions for safe storage, including any incompatibilities

Store safely and keep out of reach of children. Store in a dry, cool, well-ventilated area.

Keep away from sources of ignition. Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C.

7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2. See the technical data sheet for specific use instructions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m3	fiber/cm3	Comments	Remarks
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	8h		350			

8.2. Exposure controls

Appropriate engineering controls: Provide good ventilation. Do not eat, drink or smoke when using this product. Facilities for eye rinsing must be available. No smoking, fires, welding or sparks.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash.

Personal protective equipment, skin protection: Use suitable protective clothing, as necessary.

Personal protective equipment, hand protection: In the event of direct skin contact, wear protective gloves: Gloves must conform to EN 374. Type of material and thickness: Nitrile rubber. >8 hours. 0,5 mm
The suitability and durability of a glove is dependant on usage, e.g. frequency and duration of contact, glove material thickness, functionality and chemical resistance. Always seek advice from the glove supplier.

Personal protective equipment, respiratory protection: In case of insufficient ventilation, wear respiratory protective equipment. Filter type: A.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Aerosol.
Colour	Yellowish
Odour	Solvent
Solubility	Soluble in: Organic solvents. Solubility in water: Insoluble
Explosive properties	No data
Oxidising properties	No data

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Parameter	Value/unit	Remarks
pH (solution for use)		Not determined.
pH (concentrate)		Not determined.
Melting point		Not determined.
Freezing point		Not determined.
Initial boiling point and boiling range		Not determined.
Flash Point	< 0 °C	
Evaporation rate		Not determined.
Flammability (solid, gas)		Not determined.
Flammability limits		Not determined.
Explosion limits	0.5 - 10 vol%	
Vapour pressure		Not determined.
Vapour density		Not determined.
Relative density		Not determined.
Partition coefficient n-octanol/water		Not determined.
Auto-ignition temperature		Not determined.
Decomposition temperature		Not determined.
Viscosity		Not determined.
Odour threshold		Not determined.

9.2 Other information

Parameter	Value/unit	Remarks
Density	~ 800 kg/m ³	

SECTION 10: Stability and reactivity

10.1. Reactivity

No known data.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

10.5. Incompatible materials

Avoid contact with strong oxidisers.

10.6. Hazardous decomposition products

None known if handled normally.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral:

Based on existing data, the classification criteria are deemed not to have been met. Because of limited volume in an aerosol, and that the contents can hardly be swallowed, risk of poisoning is regarded to be small.

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Acute toxicity - dermal:	Based on existing data, the classification criteria are deemed not to have been met.
Acute toxicity - inhalation:	Based on existing data, the classification criteria are deemed not to have been met.
Skin corrosion/irritation:	Based on existing data, the classification criteria are deemed not to have been met.
Serious eye damage/eye irritation:	Based on existing data, the classification criteria are deemed not to have been met.
Respiratory sensitisation or skin sensitisation:	May cause an allergic skin reaction.
Germ cell mutagenicity:	Based on existing data, the classification criteria are deemed not to have been met.
Carcinogenic properties:	Based on existing data, the classification criteria are deemed not to have been met.
Reproductive toxicity:	Based on existing data, the classification criteria are deemed not to have been met.
Single STOT exposure:	May cause drowsiness or dizziness.
Repeated STOT exposure:	Causes damage to organs through prolonged or repeated exposure. May cause damage to the central nervous system.
Aspiration hazard:	Based on existing data, the classification criteria are deemed not to have been met.

SECTION 12: Ecological information

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

The principal constituents are expected to be biodegradable.

12.3. Bioaccumulative potential

Contains component/components that can be bioaccumulated.

12.4. Mobility in soil

Product is not water-soluble, and is therefore expected to have low mobility in earth.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

Other Information

Ecotoxicological data are only available for the components, not for the mixture. Prevent discharges into the sewage system, watercourses or ground.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Do not dispose of aerosol sprays in refuse collection, even when empty. The sprays must be sent to the municipal chemical waste collection facility with the specifications set out below.

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Category of waste: 15 01 10* Packing containing residues of or contaminated by dangerous substances. 16 05 04* Gases in pressure containers (including halons) containing dangerous substances.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN-No.:	1950	14.4. Packing group:	
14.2. UN proper shipping name:	AEROSOLS	14.5. Environmental hazards:	Yes
14.3. Transport hazard class(es):	2.1		
Hazard label(s):	2.1		
Hazard identification number:		Tunnel restriction code:	D

Inland water ways transport (ADN)

14.1. UN-No.:	1950	14.4. Packing group:	
14.2. UN proper shipping name:	AEROSOLS	14.5. Environmental hazards:	Yes
14.3. Transport hazard class(es):	2.1		
Hazard label(s):	2.1		
Transport in tank vessels:			

Sea transport (IMDG)

14.1. UN-No.:	1950	14.4. Packing group:	
14.2. UN proper shipping name:	AEROSOLS	14.5. Environmental hazards:	Yes
14.3. Transport hazard class(es):	2.1	Environmental Hazardous Substance Name(s):	
Hazard label(s):	2.1		
EmS:	F-D, S-U	IMDG Code segregation group:	- None -

Air transport (ICAO-TI / IATA-DGR)

14.1. UN-No.:	1950	14.4. Packing group:	
14.2. UN proper shipping name:	AEROSOLS, FLAMMABLE	14.5. Environmental hazards:	Yes
14.3. Transport hazard class(es):	2.1		
Hazard label(s):	2.1		

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Vendor notes: Changes have been made in sections: 1-16.

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List of relevant H-statements

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure, may explode if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.

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