

SAFETY DATA SHEET

Hagmans Fillspray Standard

Last changed: 10/06/2014

Replaces date: 26/10/2011

Internal No. 11451clp

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

1.1. Product identifier

Trade name Hagmans Fillspray Standard
Synonyms Carosol Fillspray Standard

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

RECOMMENDED USES: Paints, lacquers
This product contains solvent/propellant gas mixture; the container will be filled with paint by the retail dealer. When the retail dealer has filled paint into the container he/she will take over the responsibility for the final product information.

Vendor Article No.

11451

1.3. Details of the supplier of the safety data sheet

NATIONAL MANUFACTURER/ IMPORTER

Enterprise Hagmans Kemi AB
Address Box 112
Postal code 511 10 Fritsla
Country Sverige/Sweden/Ruotsi/Szwecja
Email info@hagmans.se
Internet www.hagmans.se
Tel +46 (0)320-18900
Fax +46 (0)320 72394

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

DPD Classification: F+; R12, R18, Xi; R36, R66, R67

CLP Classification: Flam. Aerosol 1;H222, Eye Irrit. 2;H319, STOT SE 3;H336, Flam. Aerosol 1;H229

Most serious harmful effects:: Extremely flammable aerosol.Causes serious eye irritation.May cause drowsiness or dizziness.Pressurized container: may burst if heated

2.2. Label elements



Signal word: Danger

EC-Label: No

COMPOSITION

acetone (25 - 50 %)

H-phrases

H222 Extremely flammable aerosol.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H229 Pressurized container: may burst if heated

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P-phrases

P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
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/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/eye protection.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P410/412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

VOC

This product contains a maximum of 711 g VOC/L. The limit value is 840 g VOC/L (cat. B/e)

2.3. Other hazards

OTHER HAZARDS

Without adequate ventilation, explosive atmosphere/gas mix may be created.

SECTION 3: Composition/ information on ingredients

3.2. Mixtures

Ingredient name	Reg. no.	EC No.	CAS No.	Conc. (wt%)	DPD-Classification	CLP-classification
Dimetyleter	01-2119472128-37	204-065-8	115-10-6	50 -100%	F+,R12 - R18	Flam. Gas 1 H220 Press. Gas comp. gas H280
acetone	01-2119471330-49	200-662-2	67-64-1	25 - 50 %	Xi,F,R11 - R36 - R66 - R67	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336 EUH066
2-methoxy-1-methylethyl acetate	01-2119475791-29	203-603-9	108-65-6	1 - 2,5 %	R10	Flam. Liq. 3 H226

Full text of R-, H- and EUH-phrases: see section 16.

The EUH hazard statements mentioned in CLP-classification are only label elements.

SECTION 4: First aid measures

4.1. Description of first aid measures

INHALATION

Fresh air if there are symptoms of injury. Get medical attention if any discomfort continues.

INGESTION

Apart from intentional ingestion, swallowing of major quantities is improbable. Drink a few glasses of water or milk. Contact physician if larger quantity has been consumed.

SKIN

Remove contaminated clothing. Wash skin with soap and water.

EYES

Remove contact lenses. Rinse thoroughly with water until the irritation subsides. Contact physician if irritation persists.

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

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No further information available.

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

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No further information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING MEDIA:

Extinguishing agent: carbon dioxide, powder or a wide water jet. Water spray or alcohol-resistant foam is used for fighting major fires.

UNSUITABLE EXTINGUISHING MEDIA

Do not use a direct water jet.

5.2. Special hazards arising from the substance or mixture

SPECIAL HAZARDS

Extremely flammable Aerosols can explode when heated to temperatures over 50°C. In use may form flammable/explosive vapour-air mixture.

5.3. Advice for firefighters

ADVICE FOR FIREFIGHTERS

Use compressed air breathing apparatus and protective clothing intended for fire fighting. Containers close to fire should be removed immediately or cooled with water. Cool with a wide water jet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

PERSONAL PRECAUTIONS

Eliminate all sources of ignition. No smoking, fires, welding or sparks. See section 8 for type of protective equipment. Keep unnecessary people away, isolate hazard area and deny entry. Provide good ventilation.

6.2. Environmental precautions

ENVIRONMENTAL PRECAUTIONS

Prevent discharges into the sewage system, watercourses or ground.

6.3. Methods and material for containment and cleaning up

METHODS AND MATERIAL

Absorb in an inert material (sand, vermiculite, etc.) and collect into a suitable container. Provide ventilation and confine spill. Do not allow runoff to sewer.

6.4. Reference to other sections

REFERENCES

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. PRECAUTIONS FOR SAFE HANDLING

See section 8 for type of protective equipment. Smoking and naked flames prohibited. Do not spray on a naked flame or any incandescent material. Provide good ventilation. Without adequate ventilation, explosive atmosphere/gas mix may be created.

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7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep aerosol cans in a safe place and ensure that the valves do not leak. Keep in a cool, well-ventilated place. Store safely and keep out of reach of children. Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

SECTION 8: Exposure controls/ personal protection

8.1. Control parameters

Occupational exposure limits

Ingredient name	CAS No.	Range	ppm	mg/ m3	Year	Remarks
acetone	67-64-1	15 min.	1500	3620		
acetone	67-64-1	8 h	500	1210		
2-methoxy-1-methylethyl acetate	108-65-6	15 min.	100	548		H
2-methoxy-1-methylethyl acetate	108-65-6	8 h	50	274		H
Dimetyleter	115-10-6	15 min.	500	958		
Dimetyleter	115-10-6	8 h	400	766		

R=Toxic for reproduction, H=Skin absorption, K=Carcinogenic, A=Sensitising, T=Upper limit, M=Mutagenic

OTHER INFORMATION REGARDING LIMIT VALUES AND MONITORING

Contains substances for which hygienic threshold values are stipulated.

8.2. Exposure controls

APPROPRIATE ENGINEERING CONTROLS

Mechanical ventilation or local exhaust ventilation may be required. Facilities for eye rinsing must be available. Keep away from food, drink and animal feedingstuffs. Good personal hygiene is important. Wash your hands thoroughly after handling and before eating or smoking. Provide good ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin and eyes.

EYE PROTECTION

Wear safety goggles if there is a risk of eye splash.

SKIN PROTECTION

Protective clothing if necessary.

HAND PROTECTION

Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves that are resistant to chemicals. Breakthrough time has not been determined for the product. Change gloves often. Protective gloves (nitrile rubber).

RESPIRATORY PROTECTION

If ventilation is insufficient, use a respirator with A/P2 filter. Check that mask fits tightly and change filter regularly.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

STATE Aerosol

ODOUR Characteristic

EXPLOSIVE PROPERTIES In use, may form flammable/explosive vapour-air mixture.

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Parameter	Value/ unit	Method/ reference	Observation
pH (concentrate)	No data		
pH (solution for use)	No data		
Melting point	No data		
Freezing point	No data		
Initial boiling point and boiling range	No data		
Flash point	< 0 °C		1)
Evaporation rate	No data		
Flammability (solid, gas)	No data		
Flammability limits	235 °C		
Explosion limits	2,6 - 18,6 %		
Vapour pressure	3400 hPa		2)
Vapour density	No data		
Relative density	No data		
Partition coefficient	No data		
Auto-ignition temperature	No data		
Decomposition temperature	No data		
Viscosity	No data		

9.2. Other information

Parameter	Value/ unit	Method/ reference	Observation
VOC	711 g/l		
Solvent content	100% With propellant gas		

Note no.	Comments
1	Without propellant gas.
2	20°C

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

Reacts with acids, alkalis and oxidizing agents.

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

No further information available.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

ACUTE TOXICITY - ORAL

Because of limited volume in an aerosol, and that the contents can hardly be swallowed, risk of poisoning is regarded to be small.

ACUTE TOXICITY - DERMAL

Defats the skin. Repeated exposure may cause skin dryness or cracking.

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ACUTE TOXICITY - INHALATION

Vapours may cause drowsiness and dizziness. Protracted or repeated exposure may cause headaches, tiredness, nausea and dizziness. May have an irritating effect on the mucous membranes.

SKIN CORROSION/ IRRITATION

Protracted or repeated contact may irritate the skin.

SERIOUS EYE DAMAGE/ EYE IRRITATION

Causes serious eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

ECOTOXICITY

Ecotoxicological information for the product is not available.

12.2. Persistence and degradability

PERSISTENCE AND DEGRADABILITY

No further information available.

12.3. Bioaccumulative potential

BIOACCUMULATIVE POTENTIAL

No further information available.

12.4. Mobility in soil

MOBILITY

No information available

12.5. Results of PBT and vPvB assessment

RESULTS OF PBT AND VPVB ASSESSMENT

The product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

OTHER EFFECTS

No further information available.

OTHER INFORMATION

Collection of data is ongoing.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

GENERAL REGULATIONS

Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. 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. Can be dumped as landfill or incinerated in accordance with local regulations.

CATEGORY OF WASTE

EWC code is only a suggestion, final consumer selects a suitable EWC code. 15 01 10* Packing containing residues of or contaminated by dangerous substances.

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SECTION 14: Transport information

Classified as Dangerous Goods: Yes

Land transport (ADR/ RID)

14.1. UN number	1950	14.4. Packing group	-
14.2. UN proper shipping name	Aerosols		
14.3. Transport hazard class(es)	2 5 F		
Hazard label(s)	2,1		
Hazard identification number		Tunnel restriction code	D

Inland water ways transport (ADN)

14.1. UN number	1950	14.4. Packing group	-
14.2. UN proper shipping name	Aerosols		
14.3. Transport hazard class(es)	2 5 F		
Hazard label(s)	2,1		
Environmental hazard in tank vessels			

Sea transport (IMDG)

14.1. UN number	1950	14.4. Packing group	-
14.2. UN proper shipping name	Aerosols	14.5. Environmental hazards	
14.3. Transport hazard class(es)	2,1		
Sub Risk: IMDG Code segregation group	A		
Marine pollutant	no		
EMS:	F-D S-U		

Air transport (ICAO-TI / IATA-DGR)

14.1. UN number	1950	14.4. Packing group	-
14.2. UN proper shipping name	Aerosols		
14.3. Transport hazard class(es)	2,1		
Hazard label(s)	2,1		

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14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/ 78 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

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

ISSUED: 10/06/2014

VENDOR NOTES

Information given in this safety data sheet is in accordance with our information on the last revision date. Changes have been done in section no: 1 - 16.

LIST OF RELEVANT R-PHRASES

R10	Flammable.
R11	Highly flammable.
R12	Extremely flammable.
R18	In use, may form flammable/explosive vapour-air mixture.
R36	Irritating to eyes.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

LIST OF RELEVANT H-STATEMENTS

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H280	Contains gas under pressure, may explode if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H229	Pressurized container: may burst if heated
EUH066	Repeated exposure may cause skin dryness or cracking.

OTHER INFORMATION

This product contains solvent/propellant gas mixture; the container will be filled with paint by the retail dealer. When the retail dealer has filled paint into the container he/she will take over the responsibility for the final product information.