Avfettning Classic

01.12.2021

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Avfettning Classic

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

Degreaser

1.3 Details of the supplier of the safety data sheet

Supplier

Agro Oil
Box 30192
104 25 Stockholm, Sweden
Telephone +46 (0)10-556 00 00
E-mail info@agrol.se

1.4 Emergency telephone number

Sweden

Swedish Poisons Information Centre	010-456 67 00 (Open 24/7)
Emergency	112 (Ask for the Posion Centre)

Finland

Poison Information Centre	09-471 977 (Open 24/7)
Emergency	112 (Ask for the Poison Centre)

Norway

Norwegian Poison Information Centre	22 59 13 00 (Open 24/7)
Emergency	113 (Ask for the Poison Centre)

SECTION 2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Asp. Tox 1, H304

2.2 Label elements

Hazard pictograms

Signal word

DANGER

Contains

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Hazard statements

H304	May be fatal if swallowed and enters airways.

Precautionary statements

P102	Keep out of reach of children.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331	Do NOT induce vomiting.
P501	Dispose of contents/container to approved waste disposal facility in accordance with local regulations

Other labelling

EUH066. Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

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SECTION 3. COMPOSITION/INFORMATION OM INGREDIENTS

3.2 Mixtures

Classification according to Regulation (EC) No 1272/2008 [CLP]

Name	EC no.	CAS no.	REACH reg no.	% (w/w)	Hazard statements
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	926-141-6	-	01-2119456620-43	90-100	Asp Tox. 1, H304 EUH066

Contains a surfactant which does not affect the classification of the product.

Other information

For a full text of hazard statements: see Section 16

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

After inhalation:	Fresh air and rest. If difficulties in breathing get medical advice.
After eye contact:	Rinse the eyes gently with water. If symptoms persist consult a doctor.
After skin contact:	Take off contaminated clothing. Wash skin with soap and water
After ingestion:	Rinse mouth and drink water. Do **not** induce vomiting. Contact a doctor if experiencing symptoms. Aspiration can cause chemical pneumonia.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:	Vapors can cause irritation, headache, dizziness, have an anesthetic effect and other effects on the central nervous system.
Eye:	May cause mild eye irritation.
Skin:	Repeated and prolonged contact may appear dehydrating on the skin and cause redness, skin cracking and eczema (dermatitis).
Ingestion:	Can be fatal if swallowed and enters airways. Aspiration can cause chemical pneumonia.

4.3 Indication of any immediate medical attention and special treatment needed

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SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Can be extinguished using dry powder, foam, carbon dioxide or water fog.
Unsuitable extinguishing media: Do not use direct water jet.

5.2 Special hazards arising from the substance or mixture

In case of fire, toxic and corrosive gases may develop.

5.3 Advice for firefighters

Precautions according to the standard procedure for chemical fires. Use water **only** to cool down containers that are exposed to fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes and skin.

6.2 Environmental precautions

Do not allow discharge to enter sewers, watercourses or the ground.

6.3 Methods and material for containment and cleaning up

Contain/absorb spillages with suitable absorbent material such as sand or active clay.
Disposal of waste must be in accordance with national regulations.

6.4 Reference to other sections

See Section 8 for Exposure controls / personal protection and Section 13 for disposal considerations..

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid prolonged or repeated contact with skin. Avoid inhalation of vapours, mist or fumes. Do not reuse soiled clothing unless laundered.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a cool, well-ventilated place. Keep out of reach of children.

7.3 Specifik end use

See Section 1.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure limits according to National regulations

AFS 2018:1, Sweden

Substance	Cas nr	NGV	NGV	KTV	KTV	Note	Year
		ppm	mg/m3	ppm	mg/m3		
White spirit < 2 % aromatics	-	50	300	100	600	H, V	2011

Note:
H: The substance can be easily absorbed through the skin
V: Indicative short-term limit value.

654/2020, Finland

Substance	Cas nr	HTP 8 hours		HTP 15 minutes		Note	Year
		ppm	mg/m3	ppm	mg/m3		
Petroleum naphtha, group 2	-	-	200	-	-	-	2007

Regulations concerning Action and Limit values, Norway

Name	Cas nr	ppm	mg/m3	Note	Last amended
Decanes and other higher aliphatic hydrocarbons	926-141-6	40	275	-	-

8.2 Exposure controls

Appropriate technical measures

Ensure adequate ventilation. Methods are designed to prevent direct contact.

Personal protection

Respiratory protection: Use respiratory protection when insufficient ventilation. Respiratory mask with filter A (brown).

Eye/face protection: Wear eye protection (safety glasses with side shields or full face shield) when risk of splashing.

Skin protection: Wear protective gloves (nitrile , PVA or Viton) and protective clothing.

Environmental exposure control

Prevent discharges into drains.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Clear
Odour:	Hydrocarbon
Melting point / freezing point:	< -20 °C
Boiling point or initial boiling point and boiling range:	200-250 °C
Flammability:	The product is not classified as flammable but can ignite and maintain a fire.
Upper / lower flammability or explosive limits:	0,6 -7,0 % (w/w)
Flash point:	> 70 °C
Auto-ignition temperature:	> 200 °C
Decomposition temperature:	No data
pH	Not relevant
Kinematic viscosity:	2,0-3,5 mm^2/s (40 °C)
Solubility:	Insoluble in water, soluble and miscible with several organic solvents.
Partition coefficient n-octanol/water:	> 3
Vapour pressure	< 1hPa (25 °C)
Density and/or relative density:	0,77-0,87 g/cm^3 (15 °C)
Relative vapour density:	> 1
Particle characteristics:	Not relevant (liquid)

9.2 Other information

9.2.1. Information with regard to physical hazard classes

Not relevant

9.2.2 Other safety characteristics

Not relevant

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

The product is not reactive under normal conditions.

10.2 Chemical stability

The product is stable under normal conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

None specific.

10.5 Incompatible materials

The product may react with strong oxidizing agents.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11. TOXIKOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Not considered to be acutely toxic.

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	LD_{50} Rat (oral): > 5000 mg/kg LD_{50} Rat (dermal): > 5000 mg/kg LC_{50} Rat (inhalation): > 20 mg/L/4h

Corrosive / irritating on the skin

Repeated and prolonged contact may appear dehydrating on the skin and cause redness, skin cracking and eczema (dermatitis).

Serious eye damage / irritation

May cause mild eye irritation.

Respiratory / skin sensitization

Not considered to be sensitizing.

Germ cell mutagenicity

Not considered to be cause mutations in germ cells.

Carcinogenicity

Not considered to be carcinogenic.

Toxic to reproduction

Not considered to be toxic to reproduction.

Specific organ toxicity-single exposure

In case of overheating, smoke and fumes appear irritating to the upper respiratory tract and lungs.

Specific organ toxicity-repeated exposure

No information available.

Aspiration Hazard

The product can cause chemical pneumonia if it is swallowed and enters airways.

11.2 Information on other hazards

Endocrine disrupting properties

Based on available information, this mixture contains no substance which is identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100 or (EU) 2018/605 in concentrations ≥ 0.1% (w/w).

SECTION 12. ECOLOGICAL INFORMATION

The product is not classified as hazardous to the environment.

12.1 Toxicity

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	LC_{50} Fish 96 h: 1000 mg/L EL0 Daphnia 48 h: 1000 mg/L NOELR Algar 72 h: 1000 mg/L

12.2 Persistence and degradability

Readily biodegradable.

12.3 Bioaccumulative potential

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	Log Pow = 6-8,2

Expected to bioaccumulate.

12.4 Mobility in soil

The product is insoluble in water and is not considered to be mobile in soil.

12.5 Results of PBT och vPvB assessment

Based on available information, this mixture contains no substance that meets the PBT or vPvB criteria according to Annex XIII to Regulation (EC) No. 1907/2006 (REACH).

12.6 Endocrine disrupting properties

Based on available information, this mixture contains no substance which is identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100 or (EU) 2018/605 in concentrations ≥ 0.1% (w/w).

12.7 Other adverse efffects

None known.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Product residues, spills etc. are classified as hazardous waste. Disposal, transportation, storage and handling of the waste must be in accordance with national regulations. Product waste must not be allowed to contaminate soil or water, or released into the environment.

Classified as hazardous waste, with hazard class HP 5, Specific Target Organ Toxicity (STOT)/Aspiration Toxicity.

Suggested waste code (EWC): 14 06 03* other solvents and solvent mixtures

Packaging

EWC-code: 15 01 02, Plastic packaging
EWC-code: 15 01 04, Metallic packaging

Packaging containing product residues that are not drip dry must be handled as hazardous waste and disposed of properly sealed.
EWC-code: 15 01 10*, Packaging containing residues of or contaminated by hazardous substances.

SECTION 14. TRANSPORT INFORMATION

The product is not covered by the regulations for the transport of dangerous goods.

	ADR/RID	ADN	IMDG	IATA /ICAO
14.1 UN-number or ID number	N/A	N/A	N/A	N/A
14.2 UN proper shipping name	N/A	N/A	N/A	N/A
14.3 Transport hazard class	N/A	N/A	N/A	N/A
14.4 Packing group	N/A	N/A	N/A	N/A
14.5 Environmental hazards	N/A	N/A	N/A	N/A

14.6 Special precautions for user

Not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15. REGULATORY INFORMATION

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

This safety data sheet is prepared in accordance with the EUROPEAN PARLIAMENT AND COUNCIL REGULATION (EC) No 1907/2006 of 18 December 2006 concerning the registration, evaluation, authorization and restriction of chemicals (REACH) and Commission Regulation (EU) No 2020/878 of 18 June 2020 amending the European Parliament and Council Regulation (EC) No 1907/2006 on the registration, evaluation, authorization and restriction of chemicals (REACH).

Regulations
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substance and mixtures (CLP).

Commission Regulation (EU) No 1357/2014 of 18 December 2014 replacing Annex III to Directive 2008/98/EC of the European Parliament and of the Council on waste.

Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents
The surfactants meet the requirements for ultimate biodegradability according to Annex III.
Labelling:

Substance	Concentration
Aliphatic hydrocarbons	>30%
Non-ionic surfactants	< 5 %

Sweden
AFS 2011:19, amended by AFS 2018:2 (Chemical risks at work)
AFS 2018:1 (Occupational exposure limits)
KIFS 2017:7 (Chemical products and Biotechnicological organisms Regulation)

Finland
654/2020 (Occupational exposure limits)
715/2001 (Chemical risks at work)

Norway
Regulations concerning the design and layout of workplaces and work premises (the Workplace Regulations)

Regulations concerning action and limit values for physical and chemical agents in the working environment and classified biological agents (Regulations concerning Action and Limit values)

Norwegian Product declaration number: 69092

15.2 Chemical safety assessment
No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16. OTHER INFORMATION

Please note! This safety data sheet is an English translation applicable for Sweden, Norway and Finland. A safety data sheet in local language is also available. Please refer to the Agro Oil webshop for safety data sheets in local languages. https://webshop.agrol.se/

Classification procedure

Test data is prioritized when classifying the product. When no test data are available the classification criteria in Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (CLP) have been used.

Hazard statements in Section 3

H304	May be fatal if swallowed and enters airways.
EUH066	Repeated exposure may cause skin dryness or cracking.

Abbreviations

ADN	International Carriage of Dangerous Goods by Inland Waterways
ADR	International Carriage of Dangerous Goods by Road
BCF	Bio Concentration Factor
BOD5/COD	Biological Oxygen Demand 5 days/Chemical Oxygen demand
BOD (MITI)	Biological Oxygen Demand
DNEL	Derived No Effect Level
EC_{50}	Effective Concentration (concentration that gives response in 50% of test subjects)

ECHA	European Chemical Agency
EmS	Emergency Schedule Information
HTP	Exposure value, concentrations of impurities in workplace air known to be harmful.
IARC	International Agency for Research on Cancer
IATA/ICAO	IATA Dangerous goods regulation / ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air
IC_{50}	Inhibitory Concentration (concentration that shows inhibition in 50% of the test subjects)
IMDG	International Maritime Dangerous Goods Code
KTV	Short term exposure values, normally 15 minutes
LC_{50}	Lethal Concentration (concentration causing the death of 50% of a group of test animals)
LD_{50}	Lethal Dose (dose causing the death of 50% of a group of test animals)
Log Pow	Partition coefficient of octanol - water
MITI	Ministry of International Trade and Industry, Japan
NGV	Long term exposure value, normally 8 hours.
NOEC	No Observed Effect Concentration
NOAEC	No Observed Adverse Effect Concentration
NOAEL	No Observed Adverse Effect Level
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bio-accumulative and Toxic substance
PNEC	Predicted No Effect Concentration
RID	International Carriage of Dangerous Goods by Rail
STEL	Short Term Exposure Limit
SVHC	Substance of Very High Concern
TWA	Time-weighted average
vPvB	very Persistent and very Bioaccumulative

Advice on education

The user of this product should have training that is relevant to the properties of the product and relevant use.

References

Information from the supplier: SDS in Swedish, 2018-04-25
Classification & Labelling Inventory Database, ECHA.
Registered substances, ECHA.

Version description

The information has been modified under the following sections in the safety data sheet: 1-16

The safety data sheet is dated 01.12.2021 and replaces the version dated 29.08.2014.