

Material Safety Data Sheet

Product Code	AS-FC	Issue Date: Jan 2012	ISSUED BY
Product Name:	MULTIPURPOSE WATERBASED OIL CLEANER / DEGRESOR		

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:

✚ “OIL REMOVER” CLEANER CUM DEGRESOR

Product Code:

✚ AS-FC

Company Name:

✚ AUTOMOTIVE SOLUTIONS

Address:

✚ 11/9 GF , OLD RAJINDER NAGAR , NEW DELHI -110060

Emergency Tel.:

✚ +91 93500 42380

Telephone/Fax Number:

✚ Tel: +91 11 32937026
✚ Fax: +91 11 47037026

Email:

✚ info@automotivesolutions.net.in

Recommended Use:

✚ Cleaning of Oily Floors, Engines, Equipment, Kitchen Vent/ Ducting, Baffle Filter

Other Information:

- ✚ The information herein is, to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions of application are beyond our control, PRIVATE LIMITED does not accept liability for any damages resulting from the use of, or reliance on, this information, in inappropriate contexts.
- ✚ Hazard classification according to the criteria of NOHSC.

Risk Phrase(s):

✚ Health 1, Flammability 1, Reactivity 0, Special Hazards NONE

Safety Phrase(s):

- ✚ S16 Keep away from sources of ignition - No smoking.
- ✚ S2 Keep out of reach of children.
- ✚ S23 (2) Do not breathe vapour.
- ✚ S24 Avoid contact with skin.
- ✚ S45 In case of accident or if you feel unwell seek medical advice immediately
- ✚ S53 Avoid exposure - obtain special instructions before use.
- ✚ S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.
- ✚ S7 Keep container tightly closed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

LIQUID			
<u>Ingrediens</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
1.	Water		70-<90%
2.	Pine Oil		2-<5 %
3.	Sodium Benzoate		1`-<5 %
4.	Non Ionic		3-<10 %
5.	Anionic		4<10%

4. FIRST AID MEASURES

Inhalation

- ✚ Remove the victim from the source of exposure. If the victim is not breathing, apply artificial respiration. For all but the most minor symptoms, seek medical advice.

Ingestion

- ✚ DO NOT induce vomiting. Give water to drink. Seek medical attention.

Skin

- ✚ Remove contaminated clothing and launder before re-use. Wash affected skin thoroughly with soap and water.

Eye

- ✚ If in contact with the eye(s) occur, wash with copious amounts of water for approximately 15 minutes holding eyelids(s) open. Take care not to rinse contaminated water into the non-effected eye. If irritation develops seek medical attention.

First Aid Facilities

- ✚ A safety shower and an eye irrigation facility should be provided. This Material Safety Data Sheet should be provided to the attending medical doctor.

Advice to Doctor

Treat symptomatically. CNS depression, characterised by headache and nausea.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

- ✚ Use dry chemical powder, carbon dioxide or foam. Do not allow the extinguishing residues to enter the aquatic environment.

Hazards from Combustion Products

- ✚ Combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide, oxides of sulphur and unidentified organic and inorganic compounds.

Special Protective Equipment for fire fighters

- ✚ Fire-fighters should wear full protective clothing and self-contained breathing apparatus (SCBA).

Specific Hazards

- ✚ Keep intact containers cool with water spray as violent rupture may occur during a fire, with a subsequent increase in the fire load.

Unsuitable Extinguishing Media

- ✚ Do not use water in a jet.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

- ✚ Personnel involved in cleaning up any spills are to wear the appropriate protective equipment (refer to Personal Protective Equipment). Remove all sources of heat or ignition. Do not smoke during the clean-up procedure. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain the spillage using a suitable non-flammable absorbent material such as sand or diatomaceous earth (but not sawdust), and then transfer to sealed metal containers for disposal. Prevent the spillage from entering the sewerage system or waterways. Dispose of large amounts of recovered spillages in a suitable chemical dump (check the local statutory requirements).

Precautions for Safe Handling

- ✚ Use in a well-ventilated area. Ensure the appropriate personal protective equipment is used when handling this material. Use safe workplace practices and avoid contaminating waterways. Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using toilet facilities. Mix product well before use.

Conditions for Safe Storage

- ✚ Store in dangerous goods approved, sealed metal containers in a clean, dry, cool, well-ventilated area away from foodstuffs. Avoid direct sunlight. Store away from sources of heat or ignition and store away from oxidising agents. Keep container sealed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Other Exposure Information

- ✚ Due to the form in which the product is supplied and under normal conditions of storage and use, the exposure standards for bitumen and quartz will not be reached.

Engineering Controls

- ✚ Ensure that the ventilation is adequate to maintain air concentrations below the relevant exposure standards quoted. If necessary, provide local exhaust ventilation to produce a face velocity of >20 m/minute. Ventilation equipment must be explosion proof. Isolate from all sources of heat or ignition, including sparks and naked flames.

Personal Protective Equipment

- ✚ Avoid contact with the skin and eyes and avoid breathing the vapour or spray mists. If prolonged or repeated skin contact is likely, oil impervious gloves should be worn. The wearing of safety glasses is recommended. Wear an organic vapour resistant respirator. Always wash skin and clothing after using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:

- ✚ Liquid

Appearance:

- ✚ Transparent

Flash Point:

- ✚ Not Applicable

Solubility in Water:

- ✚ Soluble

Specific Gravity:

- ✚ @ 25°C: 1.00 gm/cc

pH Value :

- ✚ 6.8-7

Flammability:

- ✚ Non Flammable

10. STABILITY AND REACTIVITY

Chemical Stability

- ✚ Considered stable to heat and light.

Incompatible Materials

- ✚ Strong Bases
- ✚ Strong Oxidizing Agents
- ✚ Strong Acids

Hazardous Polymerization

- ✚ Will not occur.



11. TOXICOLOGICAL INFORMATION

Inhalation

- ✚ May be harmful at high exposure levels. May irritate the nose and respiratory tract.

Ingestion

- ✚ Practically non-toxic. Upon aspiration into the lungs, chemical pneumonitis may develop.

Skin

- ✚ Mildly irritating to the skin. Signs of irritation include redness, itchiness and eventually cracking of the skin. Irritation usually only occurs after prolonged, repeated skin contact and is due to the de-fatting effect on the skin of the solvents.

Eye

- ✚ Mildly irritating to the eyes. Signs of irritation include redness, soreness and tear production.

Chronic Effects

- ✚ Skin irritation may occur after prolonged, repeated skin contact and is due to the de-fatting effect on the skin of the solvents. May lead to the onset of dermatitis.
Central nervous system: repeated exposure affects the nervous system.

Reproductive Toxicity

- ✚ None of the components of this product is considered to be toxic to the unborn foetus.

Mutagenicity

- ✚ None of the components of this product is considered to be a mutagen.

Carcinogenicity

- ✚ None of the components of this product is considered to be a carcinogen.

12. ECOLOGICAL INFORMATION

Information on Ecological Effects

- ✚ The volatile components of this product are readily biodegradable under aerobic conditions. They will partition largely to the atmosphere but some will partition to soil and sediment where lowered bioavailability would reduce uptake by organisms. Research also indicates that the volatile components have a moderate potential for bioaccumulation: however bio concentration would be expected to be low. They are expected to exhibit a moderate toxicity to aquatic organisms. The non-volatile components of this product are not considered to be biodegradable and will persist for years in the environment. However, they are not considered to be toxic to the environment and will not bio accumulate.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

- ✚ Dispose of paint residues according to local statutory regulations. Do not empty into drains.

Product Disposal

- ✚ Dispose of large amounts in a suitable chemical dump (check the local statutory requirements).

Container Disposal

- ✚ Dispose of paint containers according to local statutory regulations.

14. TRANSPORT INFORMATION

- ✚ Contact us for details

15. REGULATORY INFORMATION

- ✚ Contact us for details

16. OTHER INFORMATION

- ✚ These details refer to the product as it is delivered.



FOR MORE INFORMATION
WWW.AUTOMOTIVESOLUTIONS.NET.IN