

SAFETY DATA SHEET
H/D TAR & GLUE REMOVER

Issued: 11/05/2005
Revision No: 2

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Name: SHIFT PLUS
Product Code: 3900502XX
Use / description of product: A solvent based cleaner for removal of tar and glue.
Company name: Autovalet Supplies
Unit 1 Sproughton Business Park
Farthing Road,
Ipswich IP1 5AP
Tel 01473 463868
Fax 01473 742037

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH. 35 – 50 %
EINECS: 265-191-7 CAS: 64742-88-7
[Xn] R65
• XYLENE 45 – 70 %
EINECS: 215-535-7 CAS: 1330-20-7
[-] R10; [Xn] R20/21; [Xi] R38

3. HAZARDS IDENTIFICATION

Main Hazards: Flammable. Irritating to skin. Harmful: May cause lung damage if swallowed. Vapours may cause drowsiness and dizziness.
Other hazards: In use, may form flammable / explosive vapour-air mixture.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact. Degreasing of the skin may occur.
Eye contact: There may be irritation and redness. The eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. May cause vomiting with risk of aspiration.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to the skin. Wash immediately with plenty of soap and water. Consult a doctor.
Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion: Do not induce vomiting. Rinse mouth and lips with water. Give milk or water to drink. Consult a doctor.
Inhalation: Remove from exposure. Rest and keep warm. Loosen tight clothing to ensure casualty is breathing freely. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Dry chemical powder. Carbon dioxide. Foam. Water spray. Use water spray to cool containers.
Exposure hazards: Flammable. Harmful. May form flammable / explosive vapour-air mixture. In combustion emits toxic fumes.
Protection of fire-fighters: Wear self-contained breathing apparatus and protective clothing.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.
Environmental precautions: Do not discharge into drains or rivers. Contain the spillage with sand or earth.
Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Wear eye protection, protective clothing and gloves. Avoid sources of ignition. Smoking is forbidden.
Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition. Ensure lighting and electrical equipment are not a source of ignition. Store well away from foodstuffs. Keep out of reach of children.
Suitable packaging: Keep in original packaging. If repackaging is required, ensure that the new container is compatible with this product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area.
Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.
Hand protection: Gloves (oil-resistant).
Eye protection: Safety glasses with side-shields. Ensure eye bath is to hand.
Skin protection: Oil-resistant protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Mobile liquid
Colour: Clear colourless
Oxidising: Non-oxidising
Solubility in water: Not miscible
Viscosity: Non-viscous
Boiling point/range°C: 150
Flash point°C: 34
Relative density: 0.83

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of temperature and pressure.
Conditions to avoid: Heat. Sources of ignition. Hot surfaces.
Materials to avoid: Oxidising agents.
Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Chronic toxicity: May cause sensitisation. No evidence of carcinogenicity.
Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: Volatile. Not miscible with water.
Other adverse effects: May cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Disposal operations: See Section 6. Observe all local and national regulations.
Disposal of packaging: Burn in a chemical incinerator equipped with afterburners and scrubbers.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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14. TRANSPORT INFORMATION

ADR / RID

UN no:	1993	ADR Class:	3
Packing group:	III	Classification code:	F1
Shipping name:	FLAMMABLE LIQUID, N.O.S. (TURPENTINE SUBSTITUTE, XYLENE)		
Labelling:	3	Hazard ID no:	33



IMDG / IMO

UN no:	1993	Class:	3
Packing group:	III	EmS:	F-E,S-E
Marine pollutant:	NO	Labelling:	3

IATA / ICAO

UN no:	1993	Class:	3
Packing group:	III	Packing instructions:	305(P&CA); 307(CAO)
Labelling:	3		

15. REGULATORY INFORMATION

Hazard symbols: Dangerous for the environment.
Harmful.



Risk phrases: R10: Flammable.
R20/21: Harmful by inhalation and in contact with skin.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65: Harmful: may cause lung damage if swallowed.
R66: Repeated exposure may cause skin dryness or cracking.

Safety phrases: S2: Keep out of the reach of children.
S24: Avoid contact with skin.
S36: Wear suitable gloves.
S51: Use only in well ventilated areas.
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.
S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete

these regulations. Refer to all applicable national, international and local regulations or provisions.

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16. OTHER INFORMATION

Other information:

Sections 1, 2, 3, 5, 9, 14, 15, 16 have been updated. Sources of information: Approved Supply List, 7th Edition. EH40/2002. Registry of Toxic Effects of Chemical Substances (RTECS). Supplier safety data sheets. Information compiled in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. Other regulations which may apply during storage, transport or use of this product include the following, as amended: Health and Safety at Work Act - 1974. Carriage of Dangerous Goods by Road and Rail (Classification, Packaging and labelling) Regulations 1994. Control of Substances Hazardous to Health Regulations 1994 (COSHH). Control of Pollution (Special Waste) Regulations 1980. Environmental Protection (Duty of Care) Regulations 1991.

Risk phrases used in s.2:

R10: Flammable.
R20/21: Harmful by inhalation and in contact with skin.
R38: Irritating to skin.
R65: Harmful: may cause lung damage if swallowed.

Legal disclaimer:

The purpose of the information is to describe this product only in terms of Health and Safety requirements. The information given therefore, should not be construed as guaranteeing specific properties or specification. Customers should satisfy themselves as to the completeness of this information for their own particular use, bearing in mind any other Health and Safety legislation or regulations. The information and recommendations in this publication are, to the best of our knowledge, reliable. However, nothing herein is to be construed as warranty or representation. Statements concerning the use of the product(s) described herein, are not to be construed as recommending the infringement of any patent and no liability to infringement arising out of any such use is to be assumed.

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