

PRODUCT INFORMATION SHEET

TAR & GLUE REMOVER

PRODUCT INFORMATION:

A heavy duty industrial solvent based Tar & Glue Remover. Is a fast acting, fast drying, ready to use solvent that removes road tar, wax, glue, bugs, grease & most adhesives from paintwork, glass or PVC surfaces.

ADVANTAGES:

RAPID TENSION REMOVAL: Contains solvents designed to overcome surface tension, lift soil & emulsify tar & glue spots from motor vehicles.

NON-CORROSIVE: Unlike many solvent cleaners it has very low corrosion towards common metal and can be used without any problems.

WATER RINSABLE: Even though tar & glue remover is solvent based, it is water miscible and can be rinsed off easily with water.

EASY TO USE: Can be applied by brush, spray or dip tank.

DIRECTIONS FOR USE:

Use only in a well-ventilated area. (See Safety Data Sheet). Apply by cloth or sponge & allow time to penetrate. Wipe off surface using a clean damp cloth. Do not mix with other detergents.

HEALTH AND SAFETY: See Safety Data Sheet.

PACKAGING:

All our plastic drums are high molecular weight; high-density polyethylene designed to bring the product to the customer in perfect conditions.
Size: 5Lt Fluorinated Drum.

QUALITY ASSURANCE:

This product is manufactured in Ireland to ISO 9002 quality standards & conforms to R.E.A.C.H & CLP regulations. Shelf life: Not less than 3 years

Safety Data Sheet

Corresponding to Regulation (EC) No 1272/2008 (CLP)

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Date of issue: 01.01.14

Replaces version of: 01.01.13

PRODUCT NAME: TAR & GLUE REMOVER

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

1.1. Product identifier

Product Name TAR & GLUE REMOVER
Product No. jsi005

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

Identified uses: Cleaning agent

1.3. Details of the supplier of the safety data sheet

Supplier Halfords JSI Ltd
P.O. Box 10935
Dublin 11
Ireland

Tel: +353 (0)1 8569347
Fax: +353 (0)85 7043434

1.4. Emergency Contact: National Poisons Information Centre, Beaumont Hospital,
Beaumont Road, Dublin 9. Tel: +353(01)8092566

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification: Regulation (EC) No 1272/2008 EUH066, H226, H304, H336, H411
Human health: Repeated exposure may cause skin dryness or cracking, Flammable liquid and vapour, May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects

Environment: The product contains a substance which is very toxic to aquatic organisms.

2.2. Label elements

Detergent Labelling: Contains WHITE SPIRITS & 2-BUTOXYETHANOL

Labelling



WARNING



DANGER



WARNING



DANGEROUS
FOR THE ENVIRONMENT

Hazard	H226	Flammable liquid and vapour
Phrases	H302+H312+ H332	Harmful if swallowed, in contact with skin or if inhaled.
	H304	May be fatal if swallowed and enters airways.
	H315	Causes skin irritation.
	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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Precautionary Statements	P405 & 102 P210	Store locked up. Keep out of the reach of children Keep away from heat, sparks, open flames, hot surfaces & other forms of ignition. No smoking.
	P233	Keep container tightly closed
	P260	Do not breathe fume/vapours/spray
	P262	Do not get in eyes, on skin or on clothing
	P264	Wash hands thoroughly after handling
	P270	Do not eat, drink or smoke when using this product
	P271	Use only outdoors or in a well-ventilated area
	P273	Avoid release to the environment.
	P280	Wear protective gloves/clothing/eye/face protection
	P301, 310 & 331	IF SWALLOWED: Rinse out mouth immediately with water. Immediately call a poison centre or doctor/physician. Do not induce vomiting
	P302, 352 332 & 313	IF ON SKIN: Remove contaminated clothing & rinse skin thoroughly with soap & water. Obtain medical attention if irritation persists
	P362	Take off contaminated clothing and wash it before reuse
	P304 & 340	IF INHALED: Remove person to fresh air & keep at rest in a position comfortable for breathing. Immediately call a poison centre or doctor/physician if you feel unwell.
	P305, 351 310, 337 & 313	IF IN EYES: Flush eyes with water, remove contact lenses if present & continue rinsing. If irritation persists get medical advice/ attention
	P370 + P378	In case of fire: Use Foam. Dry chemicals, sand, dolomite for extinction
	P403 + P235	Store in a well-ventilated place. Keep cool.
	P501	Dispose of contents/container to in accordance with local regulations. Recover, reclaim or recycle, where possible.

2.3. Other hazards N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

WHITE SPIRIT CAS-No.: 64742-80-9	EC No.: 919-446-0	70-90%
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EU H066; STOT Single 3 - H336; Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65. N;R51/53. R66, R67, R10	
2-BUTOXYETHANOL CAS-No.: 111-76-2	EC No.: 203-905-0	10-30%
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xn;R20/21/22 Xi;R36/38	

A Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16

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SECTION 4: FIRST AID MEASURES4.1. Description of first aid measures

- Inhalation:** Remove immediately from source to fresh air. Obtain medical attention if any discomfort continues. Provide rest, warmth & fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
- Skin Contact:** Remove contaminated clothing & wash skin with soap & water. Obtain medical attention if irritation persists.
- Eye Contact:** Remove any contact lenses before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Obtain medical attention if irritation persists.
- Ingestion:** DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately. Provide rest, warmth & fresh air.

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

- Inhalation:** Irritation of nose, throat & airway. In case of overexposure, organic solvents may depress the central nervous system causing headaches, fatigue, dizziness, nausea, & intoxication & at very high concentrations unconsciousness & death.
- Ingestion:** May cause stomach pain or vomiting. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis & may be fatal if enters airways
- Skin contact:** Prolonged contact may cause redness, irritation & dry skin.
- Eye contact:** Irritation of eyes & mucous membranes

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

The severity of the symptoms described will vary dependant of the concentration & the length of exposure.

SECTION 5: FIRE FIGHTING MEASURES

- 5.1 Suitable Extinguishing Media: Foam. Dry chemicals, sand, dolomite etc.
- 5.2 Unsuitable: N/A
- 5.3 Specific Hazards: Vapours are heavier than air & may spread near ground to sources of ignition. Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources.
- 5.4 Special Equipment for the protection of Fire Fighters: Wear full protective clothing & breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions: Wear protective clothing (see Section 8).
- 6.2 Environmental Precautions: Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be immediately alerted to the Environmental Agency or other appropriate regulatory body
- 6.3 Methods for Cleaning up: Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer. Disposal should be carried out in accordance with the Hazardous Waste Regulations. If any liquid enters the drainage system or watercourses inform the local authorities, Fire Brigade and Environment Agency.

SECTION 7: HANDLING AND STORAGE**7.1 Handling**

Technical Measures:

No special measures required.

Safe Handling Advice:

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Avoid static build up by providing suitable earthing arrangements. Take precautionary measures against static discharges. Pump at no greater than 7 metres per second.

7.2 Storage

Technical Measures:

Keep container closed.

Storage Conditions:

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

Incompatible Products:

Plastic Drums.

Packaging:

Fluorinated Plastic or Steel Drums.

Packaging Materials:

Use original container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Engineering Measures: No special measures required.

8.2 Personal Protection Equipment:



Respiratory Protection: Provide adequate ventilation in areas of confined space. If engineering controls do not maintain airborne concentrations below recommended exposure limits, where applicable an air-purifying respirator type ABEK (EN 14387) respirator cartridges must be worn

Hand Protection: Use Chemical Resistant Gloves to EN Standard 374 Level 1, Letter Code K

Eye Protection: Use Chemical Goggles or Face Shield to EN Standard 166 Level 3 or higher

Skin Protection: Wear Plastic Apron EN Standard 13034 Type PB[6] & Face Shield EN Standard 166 Level 3 or higher

8.3 Hygiene Measures: Handle in accordance with good industrial hygiene & safety practices. Wash at the end of each work shift and before eating, smoking & using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using, do not eat, drink or smoke.

8.4 Occupational Exposure Limits:

Name	STD	OELV (8-hour reference period)		OELV (15 minute reference period)		Notes
		ppm	mg/m3	ppm	mg/m3	
White Spirit	OELV	100	573	-	-	
2-BUTOXYETHANOL	OELV	20	98	50	246	Sk, IOELV

OELV = Occupational Exposure Limit Value.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES9.1. Information on basic physical and chemical properties

Physical State:	Clear Liquid.
Colour:	Clear.
Odour:	Characteristic.
Solubility:	Miscible in Water. Soluble in Methanol.
Flashpoint (°C):	>30 CC (Closed cup).
Explosive Properties:	None.
Density:	0.80kg/dm ³

SECTION 10: STABILITY AND REACTIVITY

<u>10.1. Reactivity:</u>	Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO ₂).
<u>10.2. Chemical stability:</u>	Stable under normal temperature conditions and recommended use.
<u>10.3. Possibility of hazardous reactions:</u>	Hazardous Polymerisation N/A
<u>10.4. Conditions to avoid:</u>	Avoid heat, flames and other sources of ignition.
<u>10.5. Incompatible materials:</u>	Strong oxidising substances.
<u>10.6. Hazardous decomposition products:</u>	Fire creates: Toxic gases/vapours/fumes of: Carbon

SECTION 11: TOXICOLOGICAL INFORMATION11.1. Information on toxicological effects:

Inhalation:	Irritation of nose, throat & airway. In case of overexposure, organic solvents may depress the central nervous system causing headaches, fatigue, dizziness, nausea, & intoxication & at very high concentrations unconsciousness & death.
Ingestion:	May cause stomach pain or vomiting. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis & may be fatal if enters airways
Skin contact:	Prolonged contact may cause redness, irritation & dry skin.
Eye contact:	Irritation of eyes & mucous membranes

11.2. Toxicological information on ingredients:WHITE SPIRIT CAS-No.: 64742-80-9Acute toxicity:

- Acute Toxicity (Oral LD50)
>5050 mg/kg Rat
- Acute Toxicity (Dermal LD50)
>4 mL/kg Rabbit
- Acute Toxicity (Inhalation LC50)
>13.1 ppm (vapours) Rat 4 hours
- REACH dossier information

2-BUTOXYETHANOL CAS-No.: 111-76-2Acute toxicity:

- Acute Toxicity (Oral LD50)
1746 mg/kg Rat
- Acute Toxicity (Dermal LD50)
0.63 mL/kg Rabbit
- Acute Toxicity (Inhalation LC50)
450 ppm (vapours) Rat 4 hours
- REACH dossier information

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SECTION 12: ECOLOGICAL INFORMATION**Eco-toxicity**

Dangerous for the environment if discharged into watercourses. The product is easily biodegradable.

12.1. Toxicity

Ecological information on ingredients:

WHITE SPIRIT CAS-No.: 64742-80-9

LC 50, 96 Hrs, FISH mg/l	10-30
EC 50, 48 Hrs, DAPHNIA, mg/l	10-22
IC 50, 72 Hrs, ALGAE, mg/l	4.6-10

2-BUTOXYETHANOL CAS-No.: 111-76-2

Acute Toxicity - Fish

LC50 96 hours 1474 mg/l *Onchorhynchus mykiss* (Rainbow trout)

REACH dossier information

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 1550 mg/l *Daphnia magna*

REACH dossier information

Acute Toxicity - Aquatic Plants

EC50 72 hours 911 mg/l *Pseudokirchnerella subcapitata*

REACH dossier information

NOEC 72 hours 88 mg/l *Pseudokirchnerella subcapitata*

REACH dossier information

12.2. Persistence and degradability

Degradability: The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

No data available on bioaccumulation.

12.5. Results of PBT and vPvB assessment

Not determined.

12.6. Other adverse effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

General information: Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority

13.1. Waste treatment methods

Dispose of waste in accordance with local regulations. Recover, reclaim or recycle, where possible.

SECTION 14: TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods:

REGULATIONS	CLASS
RID/ADR:	3.
ICAO/IATA-DGR:	3
GGVSee/IMDG-Code:	3

14.1. UN number

1300

14.2. UN proper shipping name

TURPENTINE SUBSTITUTE

14.3. Transport hazard class(es)

3: Flammable liquid (flash-point between 23°C and 61°C, inclusive) or flammable liquid or solid in the molten state with a flash-point above 61°C, heated to a temperature equal to or above its flash-point, or self-heating liquid.

14.4. Packing Group

III

14.5. Environmental Hazards

Environmentally Hazardous Substance/Marine Pollutant: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

SECTION 15: REGULATORY INFORMATION15.1. Safety, health and environmental regulations/legislation specific for the substance or mixtureStatutory Instruments

Corresponding to Preparations Regulations S.I. No. 62 of 2004

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATIONRevision Comments

Re-issued according to Regulation (EU) No 453/2010.

Revision Date: 01.01.14

Revision No: 3

Replaces version of: 01.01.13

Risk Phrases In Full

R10 Flammable

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

R67 Vapours may cause drowsiness and dizziness

Hazard Statements In Full

H226 Flammable liquid and vapour

H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

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

The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.