

PRODUCT INFORMATION SHEET

CARPET CLEAN PLUS

PRODUCT INFORMATION:

Low foaming, quick drying carpet & upholstery cleaner, designed to quickly penetrate & release dirt & grime from carpet & fabric so less water is used. Suitable for manual use or through extraction machines.

ADVANTAGES:

GENERAL PURPOSE APPLICATION:	Can be used on for all colourfast carpet and upholstery cleaning. Ideal for use as a pre-spray treatment of badly soiled or heavy traffic areas of carpets prior to shampooing
EFFECTIVE SOIL REMOVAL:	Contains a blend of mild alkalis, sequestrants, amphoteric and non-ionic surfactants and grease cutting agents which quickly penetrates and releases dirt and grime from fabric ensuring minimum amount of water is used before vacuuming up.
EASY TO RINSE & QUICK ACTING:	Begins to work immediately upon application, when dry any suspended dirt and grime particles are vacuumed away leaving the carpets clean and fresh.
BIODEGRADABLE:	Readily biodegradable, water based product contains no harmful or abrasive solvents.
SOLUBILITY:	100% soluble in water.

DIRECTIONS FOR USE:

For best results use with a carpet extraction machine. Depending on degree of soiling dilute 1 part product with up to 20 parts clean, warm water. For high traffic lanes, heavily soiled areas, pre-spray the affected area & agitate using a clean, damp cloth or upholstery brush before using extraction machine.

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 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)

Page 1 of 8

Date of issue: 01.01.14

Replaces version of: 01.01.13

PRODUCT NAME: CARPET & UPHOLSTERY CLEANER

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

1.1. Product identifier

Product Name CARPET CLEAN PLUS
Product No. jsi002

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 Mob: +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 H315/H318
Human health: Causes skin irritation. Causes serious eye damage.
Environment: This product contains a substance which is harmful to aquatic life with long lasting effects

2.2. Label elements

Detergent Labelling: < 20% non-ionic surfactants

Labelling



Hazard Phrases H315 Causes skin irritation
H318 Causes serious eye damage
H412 Harmful to aquatic life with long lasting effects

Precautionary Statements

P102 Keep out of the reach of children
P264 Wash hands thoroughly after handling
P280 Wear protective gloves/clothing/eye/face protection
P302 IF ON SKIN: Remove contaminated clothing & rinse skin thoroughly with soap & water. Obtain medical attention if irritation persists
P362 Take off contaminated clothing & wash before reuse
P305 IF IN EYES: Flush eyes with water, remove contact lenses if & 310 present & continue rinsing. Immediately call a poison centre or doctor/physician
P273 Avoid release to the environment
P501 Dispose of contents/container in accordance with local regulation

2.3. Other hazards: N/A

Safety Data Sheet

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

Page 2 of 8

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures**

ALCOHOL ETHOXYLATE CAS-No.: 68439-45-2	EC No.:	1-5%
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xn;R22. Xi;R41 N;R50	
DISODIUM METASILICATE PENTAHYDRATE CAS-No.: 10213-79-3	EC No.: 229-912-9	1-5%
Classification (EC 1272/2008) Metal Corr. 1 – H290 Skin Corr. 1B - H314 STOT SE 3 - H335	Classification (67/548/EEC) C;R34 Xi;R37	
ALKYLAMINE DICARBOXYLATE CAS-No.:90170-43-7	EC No.: 290-476-8	1-5%
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36	
ALCOHOLS, C11-15 SECONDARY, ETHOXYLATED PROPOXYLATED CAS-No.: 68551-14-4	EC No.:	1-5%
Classification (EC 1272/2008) Aquatic Chronic 3 – H412	Classification (67/548/EEC) Xi;R52	
TETRASODIUM ETHYLENE DIAMINE TETRAACELATE CAS-No.: 64-02-8	EC No.: 200-573-9	1-5%
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn; R22 Xi; R41	

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

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures**

Inhalation:	Remove immediately from source to fresh air. Obtain medical attention if any discomfort continues.
Skin Contact:	Remove contaminated clothing & rinse skin thoroughly with soap & water. Obtain medical attention if irritation persists.
Eye Contact:	Flush eyes with water, remove contact lenses if present & continue rinsing. Immediately call a poison centre or doctor/physician
Ingestion:	Rinse out mouth immediately with water. Consult a doctor if irritation persists.

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

Inhalation:	Spray mists may cause respiratory tract irritation.
Ingestion:	Maybe harmful if swallowed. May burn the mouth & upper digestive tract
Skin contact:	Irritating to skin. May burn the skin after prolonged contact
Eye contact:	Damaging to eyes, may lead to the product affecting the natural lubrication of the eye & cause redness &/or tearing

Safety Data Sheet

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

Page 3 of 8

SECTION 5: FIRE FIGHTING MEASURES

- 5.1 Suitable Extinguishing Media: This product is flammable. Use appropriate extinguishing media for surrounding materials
- 5.2 Unsuitable: N/A
- 5.3 Specific Hazards: Avoid breathing fire vapours. Harmful vapours or gases may be formed in a fire
- 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: Avoid contact with skin and eyes (see Section 8.)
- 6.2 Environmental Precautions: No special measures required
- 6.3 Methods for Cleaning up: Small Spills - Flush with water.
Large Spills - Contain and collect spillage and absorb on to sand for disposal.

SECTION 7: HANDLING AND STORAGE

7.1 Handling

- Technical Measures: No special measures required.
- Safe Handling Advice: None noted. Comply with instructions for use.

7.2 Storage

- Technical Measures: No special measures required.
- Storage Conditions: Store in a cool dry place away from oxidizing agents.
- Incompatible Products: None known.
- Packaging: Plastic Drums.
- Packaging Materials: Recommended: Plastic Materials, Polyethylene, Polypropylene.
Not Suitable – N/A.

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.
- 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 and safety practices.

Safety Data Sheet

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

Page 4 of 8

Date of issue: 01.01.14

Replaces version of: 01.01.13

Name	STD	Occupational Exposure Limit Value (8-hour reference period)		Occupational Exposure Limit Value (8-hour reference period)		Notes
		ppm	mg/m3	ppm	mg/m3	
DISODIUM METASILICATE PENTAHYDRATE	OELV				2	

OELV = Occupational Exposure Limit Value.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State:	Clear Liquid.
Colour:	Blue.
Odour:	Fragranced.
Solubility:	Soluble in water.
Flashpoint (°C):	None
Explosive Properties:	None.
Density:	1.05kg/dm ³
Initial boiling point & Boiling range (°C)	100
Melting point (°C)	N/A

SECTION 10: STABILITY AND REACTIVITY

<u>10.1. Reactivity:</u>	Reaction with aluminium, brass, tin and zinc produces hydrogen..
<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>	Do not mix with strong acids or oxidising agents.
<u>10.5. Incompatible materials:</u>	Strong acids or oxidising agents.
<u>10.6. Hazardous decomposition products:</u>	None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

Inhalation:	Spray mists may cause respiratory tract irritation.
Ingestion:	Maybe harmful if swallowed. May burn the mouth & upper digestive tract
Skin contact:	Irritating to skin. May burn the skin after prolonged contact
Eye contact:	Irritating to eyes. May cause serious damage to eyes

11.2. Toxicological information on ingredients:

ALCOHOL ETHOXYLATE (CAS: 68439-45-2)

Acute toxicity:

- Acute Toxicity (Oral LD50)
> 5000 mg/kg Rat
- Acute Toxicity (Dermal LD50)
> 2000 mg/kg Rat
- Acute Toxicity (Inhalation LC50)
> 1.6 mg/l (dust/mist) Rat 4 hours
- REACH dossier information

Safety Data Sheet

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

Page 5 of 8

Date of issue: 01.01.14

Replaces version of: 01.01.13

DISODIUM METASILICATE PENTAHYDRATE (CAS: 10213-79-3)

Acute Toxicity (Oral LD50)
994 mg/kg Rat
REACH dossier information
Acute Toxicity (Dermal LD50)
> 3000 mg/kg Rat
REACH dossier information
Acute Toxicity (Inhalation LC50)
> 2.06 mg/l (vapours) Rat
REACH dossier information

TETRASODIUM ETHYLENE DIAMINE TETRAACELATE CAS-No.: 64-02-8

Acute Toxicity (Oral LD50)
1000 - 2000 mg/kg (rat)
REACH dossier information
Acute Toxicity
No skin irritation (rabbit)
OECD Test Guideline 404
Acute Toxicity
Eye irritation (rabbit)
OECD Test Guideline 405

SECTION 12: ECOLOGICAL INFORMATION

Eco-toxicity:

Not regarded as dangerous for the environment. The product is easily biodegradable.

12.1. Toxicity

Ecological information on ingredients:

ALCOHOL ETHOXYLATE (CAS: 68439-45-2)

Acute Toxicity - Fish
LC50 96 hours 0.59 mg/l Pleuronectes platessa
REACH dossier information
Acute Toxicity - Aquatic Invertebrates
EC50 48 hours 0.14 mg/l Daphnia magna
REACH dossier information
Acute Toxicity - Aquatic Plants
EC50 72 hours 0.75 mg/l Selenastrum capricornutum
REACH dossier information

DISODIUM METASILICATE PENTAHYDRATE (CAS: 10213-79-3)

Acute Toxicity - Fish
LC50 96 hours 210 mg/l Brachydanio rerio (Zebra Fish)
REACH dossier information
Acute Toxicity - Aquatic Invertebrates
EC50 48 hours 7.8 pH Daphnia magna
REACH dossier information
Acute Toxicity - Aquatic Plants
EC50 72 hours 207 mg/l Desmodesmus subspicatus
REACH dossier information

Safety Data Sheet

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

Page 6 of 8

Date of issue: 01.01.14

Replaces version of: 01.01.13

TETRASODIUM ETHYLENE DIAMINE TETRAACELATE CAS-No.: 64-02-8

Acute Toxicity - Fish :
LC50 96 hours > 500 mg/l Leuciscus idus (Golden orfe)

EC50 Static Test > 100 mg/l (Lepomis macrochirus)
Acute Toxicity - Aquatic Invertebrates
EC50 48 hours >100mg/l Daphnia magna
EC50 24 hours 1033 mg/l Daphnia magna
Method: OECD 202
Acute Toxicity - Algae :
EC50 72 hours > 100 mg/l Desmodesmus subspicatus (green algae)
Method: OECD 201

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.

ALCOHOL ETHOXYLATE (CAS: 68439-45-2)

Biodegradation. Activated sludge Degradation (72%) 28 days
REACH dossier information
The substance is readily biodegradable.

DISODIUM METASILICATE PENTAHYDRATE (CAS: 10213-79-3)

Biodegradation
Scientifically unjustified.
REACH dossier information

TETRASODIUM ETHYLENE DIAMINE TETRAACELATE CAS-No.: 64-02-8

Result: 5 % (activated sludge; 400 mg/l; Related to: Dissolved organic carbon (DOC); Exposure Time: 28 d)(OECD 302 B)
Kinetic data: < 1 %; 3 h
The substance is readily biodegradable

12.3. Bioaccumulative potential

No data available on bioaccumulation.

ALCOHOL ETHOXYLATE (CAS: 68439-45-2)

Bioaccumulation factor
BCF 12.7 Pimephales promelas (Fat-head Minnow)
REACH dossier information

12.5. Results of PBT and vPvB assessment

Not determined.

12.6. Other adverse effects

Not determined.

Safety Data Sheet

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

Page 7 of 8

Date of issue: 01.01.14

Replaces version of: 01.01.13

SECTION 13: DISPOSAL CONSIDERATIONS

General information: Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for

disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. Consign empty container to normal waste.

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:	N/A
ICAO/IATA-DGR:	N/A
GGVSee/IMDG-Code:	N/A

14.1. UN number

None

14.2. UN proper shipping name

None

14.3. Transport hazard class(es)

N/A.

14.4. Packing Group

N/A

14.5. Environmental Hazards

None known

SECTION 15: REGULATORY INFORMATION

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

Statutory 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.

Safety Data Sheet

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

Page 8 of 8

Date of issue: 01.01.14

Replaces version of: 01.01.13

SECTION 16: OTHER INFORMATION

Revision 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

R36 Irritating to eyes
R38 Irritating to skin

Hazard Statements In Full

H319 Causes serious eye irritation
H315 Causes skin irritation

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.