



**Janitorial  
Supplies Ireland**

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**PRODUCT INFORMATION SHEET**

**SPECIAL-S**

**MULTI-PURPOSE CLEANER**

**PRODUCT INFORMATION:**

A concentrated multi-purpose cleaner designed to remove oil based grime such as make-up, cigarette smoke staining & wax based residues etc. from plastic, leather, fabric & all vehicle interiors & exteriors. May also be used as a non-acid alloy wheel cleaner

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**ADVANTAGES:**

VERSATILITY OF USE:	Advanced solvent free formulation cleans quickly & safely. Highly effective on grease, oil, glass, fabric, plastic, brake dust, soot, ink rubber, vinyl, worktops & floors. Also removes polymer coatings from cars, boats, caravans, bikes can also be used in any carpet cleaning machine or sprayed directly to clean seats & carpets.
HIGH CLEANING POWER:	Contains a powerful blend of alkalis, surfactants, sequestering agent and emulsifiers, which remove grease, dirt and film with ease
SUITABLE IN HARD OR	Contains a sequestering agent, which inhibits scale formulation & optimises detergency, even in very hard water areas.
BIODEGRADABLE:	Fully biodegradable.
SOLUBILITY:	100% soluble in water.

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**DIRECTIONS FOR USE:**

Dilute 1:25 (or 30mls in a 750ml trigger spray bottle) with potable water. Apply by spray & allow 30 seconds contact time before agitating the surface with a clean damp cloth or upholstery brush until clean. Rinse well after use when diluted less than 1:25. Do not mix with other detergents. (1 x 5Lt = 166 x 750ml Trigger spray bottles). For bug or ink removal, wheel cleaning & polymer removal dilute 1:5 with water. Do not mix with other cleaning materials.

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**HEALTH AND SAFETY:** See Safety Data Sheet.

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**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 Drums, 20 Lt. Drums, 205 Lt. Barrel and 1,000 Lt. I.B.C.

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**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**

**PRODUCT NAME: GP101 PLUS****SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Product identifier

Product Name SPECIAL-S  
Product No. JSI-001

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  
Tel: +353 (0)1 8569347  
Fax: +353 (0)85 7043434  
Email: info@JSI.IE

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: H302, H315, H318  
Human health: Harmful if swallowed. Causes Skin Irritation. Causes serious eye damage  
Environment: This product is Readily Biodegradable and not expected to be hazardous to the environment.

2.2. Label elements

Detergent Labelling: Contains: Sodium hydroxide, Non-ionic & amphoteric surfactants  
Labelling



DANGER



WARNING

Hazard Phrases	H302 Harmful if swallowed H315 Causes Skin Irritation H318 Causes serious eye damage
Precautionary Statements	P262 Do not get in eyes, on skin or on clothing P264 Wash hands thoroughly after handling P280 Wear protective gloves, eye & face protection P270 Do not eat, drink or smoke when using this product. P301 IF SWALLOWED: Rinse mouth. Call a poison centre or doctor if & 312 you feel unwell. P305 IF IN EYES: Flush eyes with water, remove contact lenses if & 310 present & continue rinsing. Immediately call a poison centre or doctor/physician P302 IF ON SKIN: Remove contaminated clothing & rinse skin thoroughly with soap & water. Obtain medical attention if irritation persists P501 Dispose of contents/container in accordance with local regulation

2.3. Other hazards N/A

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## 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	
DIPHOSPHORIC ACID, TETRAPOTASSIUM SALT CAS-No.: 7320-34-5                      EC No.: 230-785-7	1-5%
Classification (EC 1272/2008) Eye Irrit. 2 - H319	
SODIUM HYDROXIDE CAS-No.: 1310-73-2                      EC No.: 215-185-5	1-2%
Classification (EC 1272/2008) Skin Corr. 1A - H314	
ALKYLAMINE DICARBOXYLATE CAS-No.: 90170-43-7                      EC No.: 290-476-8	1-3%
Classification (EC 1272/2008) Eye Irrit. 2 - H319	
COCOAMIDOPROPYL BETAINE CAS-No.: 61789-40-0                      EC No.: 263-058-8	1-3%
Classification (EC 1272/2008) Eye Dam. 1- H318	

A Full Text for all 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 immediately. Obtain medical attention immediately
Ingestion:	DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention if any discomfort continues.
Protection of first aider:	Avoid ingestion, contact with skin and eyes (see Section 8.)

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

Inhalation:	Spray mists may cause respiratory tract irritation.
Ingestion:	May cause internal injury, pain and/or vomiting
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

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

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

### SECTION 5: FIRE FIGHTING MEASURES

- 5.1 Suitable Extinguishing Media: Water, Foam.  
5.2 Unsuitable: N/A  
5.3 Specific Hazards: Does not present any particular risk in the event of fire.  
5.4 Special Equipment for the protection of Fire Fighters: Self-contained breathing apparatus & full body protective clothing

### SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions: Avoid ingestion & contact with skin & 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.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Handling

- Technical Measures: No special measures required.  
Safe Handling Advice: Avoid ingestion & contact with skin & eyes. Comply with instructions for use.

#### 7.2 Storage

- Technical Measures: No special measures required.  
Storage Conditions: Store in a cool dry place.  
Incompatible Products: Acids, Strong Oxidizing Agents.  
Packaging: Plastic Drums.  
Packaging Materials: Recommended: Plastic Materials, Polyethylene, Polypropylene.  
Not Suitable - Uncoated Metal Drums.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters:

Name	STD	Occupational Exposure Limit Value (8-hour reference period)		Occupational Exposure Limit Value (15-minute reference period)		Notes
		ppm	mg/m3	ppm	mg/m3	
SODIUM HYDROXIDE	OELV	-		-	2	

OELV = Occupational Exposure Limit Value

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## 8.2 Personal Protection Equipment:



Respiratory Protection:  
Hand Protection:



Eye Protection:

Skin Protection:



Provide adequate ventilation in areas of confined space.  
Use Chemical Resistant Gloves to EN Standard 374 Level 1, Letter Code K  
Use Chemical Goggles or Face Shield to EN Standard 166 Level 3 or higher  
Wear Plastic Apron EN Standard 13034 Type PB[6] & Face Shield EN Standard 166 Level 3 or higher  
Handle in accordance with good industrial hygiene and safety practices.

## 8.3 Hygiene Measures:

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

a)	Appearance:	Yellow/Green liquid
b)	Odour:	Fragrant
c)	Odour threshold:	N/A
d)	pH:	13+/-0.5 (Undiluted)
e)	Melting point/freezing point:	No data available
f)	Initial boiling point & range:	No data available
g)	Flash point:	No data available
h)	Evaporation rate:	No data available
i)	Flammability solid, gas):	No data available
j)	Upper/lower flammability or explosive limits:	No data available
k)	Vapour pressure:	No data available
l)	Vapour density:	No data available
m)	Relative density:	1.05kg/dm <sup>3</sup>
n)	Solubility(ies):	Soluble in Water
o)	Partition coefficient: n-octanol/water:	No data available
p)	Auto-ignition temperature:	No data available
q)	Decomposition temperature:	No data available
r)	Viscosity:	No data available
s)	Explosive properties:	No data available
t)	Oxidising properties:	No data available

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1. Reactivity:

There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability:

Stable under normal temperature conditions and recommended use.

#### 10.3. Possibility of hazardous reactions:

Hazardous Polymerisation N/A

#### 10.4. Conditions to avoid:

Avoid Extreme Temperatures. Avoid contact with acids &/or oxidising agents.

#### 10.5. Incompatible materials:

Acids &/or oxidizing agents

#### 10.6. Hazardous decomposition products:

None under normal conditions.

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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects:

Inhalation:	Spray mists may cause respiratory tract irritation.
Ingestion:	Harmful if swallowed. May cause internal injury if swallowed.
Skin contact:	Irritating to skin. May burn the skin after prolonged contact.
Eye contact:	Risk of serious damage to eyes. May lead to the product affecting the natural lubrication of the eye & cause redness &/or tearing

### 11.2. Toxicological information on ingredients:

#### ALCOHOL ETHOXYLATE (CAS: 68439-45-2)

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

#### SODIUM HYDROXIDE (CAS: 1310-73-2)

Acute Toxicity (Dermal LD50)  
1350 mg/kg Rabbit  
IUCLID chemical data sheet.

#### COCOAMIDOPROPYL BETAINE (CAS: 61789-40-0)

Acute toxicity:  
Acute Toxicity (Oral LD50)  
4900 mg/kg Rat  
IUCLID chemical data sheet.

## SECTION 12: ECOLOGICAL INFORMATION

### Eco-toxicity

This product is Readily Biodegradable and not expected to be hazardous to the environment.

### 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*  
Acute Toxicity - Aquatic Invertebrates  
EC50 48 hours 0.14 mg/l *Daphnia magna*  
Acute Toxicity - Aquatic Plants  
EC50 72 hours 0.75 mg/l *Selenastrum capricornutum*  
REACH dossier information

#### SODIUM HYDROXIDE (CAS: 1310-73-2)

Acute Toxicity - Fish  
LC50 96 hours 45.4 mg/l *Onchorhynchus mykiss* (Rainbow trout)  
IUCLID chemical data sheet.

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## COCOAMIDOPROPYL BETAINE (CAS: 61789-40-0)

Acute Toxicity - Fish

LC50 96 hours 2 mg/l Brachydanio rerio (Zebra Fish)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 10.5 mg/l Daphnia magna

Acute Toxicity - Aquatic Plants

EC50 96 hours 0.55 mg/l Scenedesmus subspicatus

IUCLID chemical data sheet.

### 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.

Ecological information on ingredients.

## ALCOHOL ETHOXYLATE (CAS: 68439-45-2)

Biodegradation

Activated sludge Degradation (72%) 28 days

REACH dossier information

The substance is readily biodegradable

### 12.3. Bioaccumulative potential

No data available on bioaccumulation.

Ecological information on ingredients;

## ALCOHOL ETHOXYLATE (CAS: 68439-45-2)

Bioaccumulation factor

BCF 12.7 Pimephales promelas (Fat-head Minnow)

REACH dossier information

### 12.4. Mobility in soil

Mobility: The product is soluble in water.

### 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.

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## SECTION 14: TRANSPORT INFORMATION

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

<b>REGULATIONS</b>	<b>CLASS</b>
RID/ADR:	Not Classified
ICAO/IATA-DGR:	Not Classified
GGVSee/IMDG-Code:	Not Classified

### 14.1. UN number

N/A

### 14.2. UN proper shipping name

N/A

### 14.3. Transport hazard class(es)

N/A

### 14.4. Packing Group

N/A

### 14.5. Environmental Hazards

Environmentally Hazardous Substance/Marine Pollutant: N/A

### 14.6. Special precautions for user

NA

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

N/A

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and 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.  
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#### 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.



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## SECTION 16: OTHER INFORMATION

### Revision Comments

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

Revision Date: 01.01.17

Revision No: 4

Replaces version of: 01.01.14

### Hazard Statements In Full

H302 Harmful if swallowed

H315 Causes skin irritation

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H314 Causes severe skin burns and eye damage

H302 Harmful if swallowed

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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.

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