

# Safety Data Sheet

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

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Date of issue: 01.01.20

Replaces version of: 01.01.17

## PRODUCT NAME: CANOPY CLEANER DEGREASER

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

#### 1.1. Product identifier

Product Name CANOPY CLEANER DEGREASER  
Product No. KR 315

#### 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 JSK Eco Cleaning Solutions, Tramore Road, Cork, Ireland  
Tel: +353-21 4318545 Fax: +353-21 4312459  
Email: [info@jskcleaning.ie](mailto:info@jskcleaning.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, H314  
Human health: Harmful if swallowed. Causes severe skin burns and eye damage  
Environment: This product is Readily Biodegradable and not expected to be hazardous to the environment.

#### 2.2. Label elements

Detergent Contains: Sodium hydroxide, sodium metasilicate, 2 butoxyethanol, non-ionic  
Labelling: & amphoteric surfactants, 5% Alkyldimethylbenzylammonium Chloride



#### Labelling

DANGER

WARNING

Hazard	H302	Harmful if swallowed
Phrases	H314	Causes severe skin burns and eye damage
Precautionary Statements	P405 & 102	Store locked up. Keep out of the reach of children
	P260	Do not breathe vapours or spray mists
	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.
	P280	Wear protective gloves, clothing, eye & face protection
	P301 & 310	IF SWALLOWED: Rinse out mouth immediately with water. 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
	P304	IF INHALED: Remove immediately from source to fresh air. Obtain medical attention if any discomfort continues.
	P305 & 310	IF IN EYES: Flush eyes with water, remove contact lenses if present & continue rinsing. Immediately call a poison centre or doctor/physician.
	P501	Dispose of contents/container to in accordance with local regulations. Recover, reclaim or recycle, where possible.

#### 2.3. Other hazards

N/A

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

SODIUM HYDROXIDE CAS-No.: 1310-73-2                      EC No.: 215-185-5 REACH registration number 01-2119457892-27-XXXX	<1%
Classification (EC 1272/2008) Met. Corr. 1 - H290 Skin Corr. 1A - H314	
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	
ALKYL (C12- 16) DIMETHYL BENZYL AMMONIUM CHLORIDES CAS-No.: 68424-85-1                      EC No.: 270-325-2 REACH registration number: 01-2119965180-41-XXXX	5%
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Corr. 1B - H314 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	
ALCOHOL ETHOXYLATE CAS-No.: 68439-46-3                      EC No.: 931-514-1	5-10%
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	
ETHYLENEDIAMINETETRAACELATE TETRASODIUM SALT CAS-No.: 64-02-8                          EC No.: 200-573-9 REACH registration number 01-2119486762-27	5-10%
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	
2-BUTOXYETHANOL CAS-No.: 111-76-2                          EC No.: 203-905-0 REACH registration number 01-2119475108-36-XXXX	1-5%
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	
β-ALANINE, N-(2-CARBOXYETHYL), N-COCO ALKYL DERIVS., DISODIUM SALTS CAS-No.: 68608-68-4                      EC No.: 271-795-1 REACH registered number: 01-2119976233-35-XXXX	1-5%

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1,3 propandiamine, C10-C16 alkyl derivatives, reaction products with 2-chloroacetic acid ≤1%  
CAS-No.: 139734-65-9                      EC No.: 941-149-7

Classification (EC 1272/2008)  
Acute Tox. 4 - H302  
Skin Corr. 1C - H314  
Aquatic Chronic. 1 – H400

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: Corrosive 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

### 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: None.

## 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.

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## SECTION 7: HANDLING AND STORAGE

### 7.1 Handling

Technical Measures: No special measures required.  
 Safe Handling Advice: Avoid contact with eyes and skin. 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	
Disodium Metasilicate Pentahydrate	OELV				2	
2 Butoxyethanol	OELV	20	98	50	246	Sk, IOELV

OELV = Occupational Exposure Limit Value.

### 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

### 8.3 Hygiene Measures:

Handle in accordance with good industrial hygiene and safety practices.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

a)	Appearance:	Blue Liquid
b)	Odour:	Slight chemical
c)	Odour threshold:	N/A
d)	pH:	13+/-0.5 undiluted
e)	Melting point / freezing point:	No data available
f)	Initial boiling point & boiling 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:	1.06kg/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

<u>10.1. Reactivity:</u>	There are no known reactivity hazards associated with this product.
<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 Extreme Temperatures. Avoid contact with acids &/or oxidizing agents.
<u>10.5. Incompatible materials:</u>	Acids &/or oxidizing 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:	May cause internal injury, pain and/or vomiting
Skin contact:	Corrosive 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

### 11.2. Toxicological information on ingredients:

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

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

#### ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE CAS-No.: 68424-85-1)

Acute Toxicity (Oral LD50)  
150 mg/kg Mouse

Acute Toxicity (Dermal LD50)  
1420 mg/kg Rat  
Miscellaneous information sources.

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### ETHYLENEDIAMINETETRAACELATE TETRASODIUM SALT 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

### ALCOHOL ETHOXYLATE (CAS: 68439-46-3)

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

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

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

### 1,3 propandiamine, C10-C16 alkyl derivatives, reaction products with 2-chloroacetic acid

#### CAS-No.: 139734-65-9

Acute toxicity (Oral LD50)  
> 300 mg/kg Rat  
Method: OECD 423

## **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:

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

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

#### ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE CAS-No.: 68424-85-1)

Acute Toxicity - Fish  
LC50 96 hours 0.31 mg/l *Lepomis macrochirus* (Bluegill)  
Miscellaneous information sources.

#### ALCOHOL ETHOXYLATE (CAS: 68439-46-3)

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

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### ETHYLENEDIAMINETETRAACELATE TETRASODIUM SALT 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

### BUTYL GLYCOL (CAS: 111-76-2)

Acute Toxicity - Fish

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

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 1550 mg/l Daphnia magna

Acute Toxicity - Aquatic Plants

EC50 72 hours 911 mg/l Pseudokirchnerella subcapitata

NOEC 72 hours 88 mg/l Pseudokirchnerella subcapitata

REACH dossier information

### 1,3 propandiamine, C10-C16 alkyl derivatives, reaction products with 2-chloroacetic acid

CAS-No.: 139734-65-9

Acute Toxicity - Fish:

LC50 96 hours 0,43 mg/l Cyprinus Carpio

Method: OECD 203

Acute Toxicity – Microorganisms:

EC50 22 mg/l Activated Sludge

Method: OECD 209

Acute Toxicity - Aquatic Invertebrates:

EC50 48 hours 0,11 mg/l Daphnia magna

Method: OECD 202

Acute Toxicity - Algae/Aquatic Plants:

EbC50 72 hours 0.05 mg/l Scenedesmus subspicatus

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.

Ecological information on ingredients.

### ETHYLENEDIAMINETETRAACELATE TETRASODIUM SALT 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

### ALCOHOL ETHOXYLATE (CAS: 68439-46-3)

Biodegradation. Activated sludge Degradation (72%) 28 days

REACH dossier information  
The substance is readily biodegradable.

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## 12.3. Bioaccumulative potential

No data available on bioaccumulation.

Ecological information on ingredients

## ALCOHOL ETHOXYLATE (CAS: 68439-46-3)

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.

## **SECTION 14: TRANSPORT INFORMATION**

### **REGULATIONS**

### **CLASS**

RID/ADR:

8

ICAO/IATA-DGR:

8 UN 1903

GGVSee/IMDG-Code:

8

### 14.1. UN number

1903

### 14.2. UN proper shipping name

Disinfectant, Liquid, Corrosive NOS

### 14.3. Transport hazard class(es)

8

### 14.4. Packing Group

III

### 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



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## 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.

#### 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 INFORMATION

### Revision Comments

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

Revision Date: 01.01.20

Revision No: 5

Replaces version of: 01.01.17

### Hazard Statements In Full

H290	May be corrosive to metals
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very 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.



PCS 100076

**EUROPEAN UNION (BIOCIDAL PRODUCTS) REGULATIONS**  
**BIOCIDAL PRODUCT NOTIFICATION**

The Department of Agriculture, Food and the Marine as the Competent Authority for Biocides in Ireland, pursuant to Regulations 9 and 10 of the European Union (Biocidal Products) Regulations 2013 (S.I. 427 of 2013), hereby declare that the Notification Holder:

**ROSCHEM PRODUCTS LTD**

**NEW ROAD, ELPHIN, CO ROSCOMMON**

has notified the biocidal product:

**SHIFT PLUS**

to the Competent Authority for Biocides in order to make available on the market in Ireland.

It is the responsibility of the Notification Holder to ensure that: the product label(s) and safety data sheets are in compliance with the relevant Regulations; changes to the product must be notified to the Competent Authority for Biocides in Ireland prior to the change to the product; information on the product must be supplied to the National Poisons Information Centre of Ireland (<http://www.poisons.ie/manufacturers.asp>) before product is made available on the market.

**Product Summary**

**Product Name:** SHIFT PLUS

**PCS No:** PCS 100076

**Formulation Type:** Soluble concentrate [SL]

**MG/PT:** MG01 / PT4

**Category of Use(s):** Professional

Active Substance(s)	CAS No.	(% w/w)
Amines, N-C10;16-alkyltrimethylenedi-,	139734-65-9	5

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On behalf of the Competent Authority for Biocides in Ireland:

**Date of issue:**

**04/08/2020**

Official Stamp:

