



Product Floor Cleaners - Bitter Orange and Citrus Burst
Supersedes: Version 1, dated 29.06.15 Version: 2

Page: 1 of 7
Date Prepared: 18.12.17

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

1.1. Product identifier Floor Cleaners - Bitter Orange and Citrus Burst

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

Uses: Cleaning of floors.

Not to be used for: None specified.

1.3. Details of the supplier of the safety data sheet

Company Identification	Town Talk Polish Co. Ltd
Address and Telephone No.	Slater Lane Bolton BL1 2TQ.
Telephone No.	+44 1204 520014
Fax No.	+44 1204 362778
Telephone No.	+44 (0) 1204 520014
Fax No.	+44 (0) 1204 362778
Contact:	Products@towntalkpolish.com

1.4. Emergency telephone number +44 (0) 1204 529981
9.00am - 5.00pm Monday- Friday UK time

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Eye Irritant Cat 2

2.2. Label elements

WARNING



H319 - Causes serious eye irritation

P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313 - If eye irritation persists: Get medical attention.

P332+313 - If skin irritation occurs: Get medical attention.

Supplemental Information

EUH208 - Contains Limonene. May produce an allergic reaction.

2.3. Other hazards

Does not fulfil the criteria for classification as PBT or vPvB.



Product Floor Cleaners - Bitter Orange and Citrus Burst
Supersedes: Version 1, dated 29.06.15 **Version:** 2

Page: 2 of 7
Date Prepared: 18.12.17

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Contains:

Under EU CLP EC1272/2008

Ingredient	CAS Number / EC Number	REACH Registration Number	%	CLP Hazard Category	H- Statements
Amide polyglycol ether	Not available / Not available	01- 2119565130- 50	0.5 - 2	Skin Irritant Cat 2	H315
Alcohols, C12-14, ethoxylated, sulphates, sodium salts	68891-38-3 / 500-234-8	Not yet available	0.5 - 2	Skin Irritant Cat 2 Eye Damage Cat 1 Aquatic Chronic 3	H315 H318 H412
Sodium Laureth-11 Carboxylate	9004-82-4 / None (polymer)	Not yet available	0.5 - 2	Skin Irritant Cat 2 Eye Damage Cat 1	H315 H318
Reaction mix of ethoxylated and alkylether carboxylic acid salt	Not available / Not available	Not yet available	0.5 - 2	Skin Irritant Cat 2 Eye Irritant Cat 2	H315 H319
Sulisobenzone	4065-45-6 / 223-772-2	01- 2119958758- 15	0.1 - 1	Skin Irritant Cat 2 Eye Irritant Cat 2	H315 H319
Limonene	5989-27-5 / 227-803-5	Not yet available	0.1 - 0.5	Flammable Liquid Cat 3 Skin Irritant Cat 2 Skin Sensitiser Cat 1 Aspiration Toxic Cat 1	H226 H315 H317 H304

For full wording of H statements see Section 16.

Also may contain minor amounts of 1 or more of the following allergens: Citronellol, Geraniol, Hexyl cinnamal or Linalool.

SECTION 4. FIRST-AID MEASURES

4.1. Description of first aid measures

Skin contact

In case of excessive contact, wash well with plenty of soap and water. If symptoms develop seek medical attention.

Eye contact

If safe to do so, remove contact lenses. Flush immediately with plenty of water for at least 15 minutes, keeping eyelids open. If symptoms develop seek medical attention.

Ingestion

Rinse mouth out with water. DO NOT induce vomiting. If symptoms develop seek medical attention.

Inhalation

In case of excessive exposure, move victim to fresh air. If symptoms develop seek medical attention.



Product Floor Cleaners - Bitter Orange and Citrus Burst
Supersedes: Version 1, dated 29.06.15 **Version:** 2

Page: 3 of 7
Date Prepared: 18.12.17

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

Causes serious eye irritation. May cause mild, transient skin irritation. May produce an allergic skin reaction to sensitised persons.

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

None other than above.

SECTION 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

- | | |
|------------------|--|
| - Suitable | Use any appropriate to surrounding materials |
| - Not to be used | None |

5.2. Special hazards arising from the substance or mixture

None other than those expected from surrounding materials.

5.3. Advice for fire fighters

Wear breathing apparatus and protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear gloves and eye protection.

6.2. Environmental precautions

Prevent entry into water courses or drainage systems.

6.3. Methods and material for containment and cleaning up

- | | |
|------------|---|
| - on soil | Absorb onto an inert material such as vermiculite, sand or earth and place into a container for safe disposal according to local regulations. |
| - on water | None available. In case of large spillage inform relevant authorities. |

6.4. Reference to other sections

See Section 8 for details of protective equipment.
See Section 13 for details of disposal.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Keep away from children. Avoid contact with eyes. Handle and open containers carefully. Read and follow manufacturer's use recommendations.



Product Floor Cleaners - Bitter Orange and Citrus Burst
Supersedes: Version 1, dated 29.06.15 **Version:** 2

Page: 4 of 7
Date Prepared: 18.12.17

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool place in original containers. Keep container closed when not in use.

7.3. Specific end use(s)

Cleaning of floors.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

None set

Monitoring procedures

None specified

8.2. Exposure Controls

Recommended engineering controls

None required.

Personal protection

Always check applicability with your supplier of protective equipment.

- Respiratory protection

None required

- Skin protection

None required

- Eye protection

For prolonged or repeated contact, wear eye protection such as safety glasses or goggles

- Hand protection

For prolonged or repeated contact, wear Latex, Nitrile or PVC gloves. (Break-through times can vary depending on thickness, use and source. Change gloves regularly.)

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance

Varies depending on product

Bitter Orange - Clear orange liquid

Citrus Burst - Clear yellow liquid

Odour

Citrus

Odour Threshold Value:

Not determined

pH (100%)

6.0 - 6.5

Melting point (°C)

Not determined

Boiling point/range (°C)

Not determined

Flash point (°C)

Not determined but contains no flammable components

Evaporation rate

Not determined

Flammability

Not a flammable solid

Explosive properties/limits

Not determined

Vapour pressure (mbar at 25°C)

Not determined

Vapour density

Not determined

Density at 20°C (kg/m³)

1015 - 1025

Solubility in water (% by weight)

Soluble

Solubility in solvents

Insoluble

Partition coefficient (log K_{ow})

Not determined

Auto-ignition temperature (°C)

Not determined

Decomposition temperature (°C)

Not determined



Product Floor Cleaners - Bitter Orange and Citrus Burst
Supersedes: Version 1, dated 29.06.15 Version: 2

Page: 5 of 7
Date Prepared: 18.12.17

Viscosity (cPs at 20°C) 150 - 300

9.2. Other information

Note: These are typical values and do not constitute a specification.

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

Stable product under recommended storage and handling conditions.

10.2. Chemical stability

Stable product under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

Stable product under recommended storage and handling conditions.

10.4. Conditions to avoid

High temperatures.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None known. Hazardous polymerization will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

No data available on product but, based on ingredients, is classified under CLP rules as Causes serious eye irritation.

(a) acute toxicity

Based on available data, the classification criteria are not met.

(b) skin corrosion/irritation

Based on available data, the classification criteria are not met.

(c) serious eye damage/irritation

Causes serious eye irritation.

(d) respiratory or skin sensitisation

Based on available data, the classification criteria are not met. But contain minor amounts of Limonene.

(e) germ cell mutagenicity

Based on available data, the classification criteria are not met.

(f) carcinogenicity

Based on available data, the classification criteria are not met.

(g) reproductive toxicity

Based on available data, the classification criteria are not met.

(h) STOT-single exposure

Based on available data, the classification criteria are not met.

(i) STOT-repeated exposure

Based on available data, the classification criteria are not met.

(j) aspiration hazard

Based on available data, the classification criteria are not met.



Product Floor Cleaners - Bitter Orange and Citrus Burst
Supersedes: Version 1, dated 29.06.15 **Version:** 2

Page: 6 of 7
Date Prepared: 18.12.17

Likely routes of exposure

Contact with skin and eyes.

Symptoms related to the physical, chemical and toxicological characteristics

Causes serious eye irritation. May cause mild, transient skin irritation. May produce an allergic skin reaction to sensitised persons.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

As above.

Other information

None

SECTION 12. ECOLOGICAL INFORMATION

No data available on product but, based in ingredients, is not classified under CLP rules as dangerous to the environment.

12.1. Toxicity

Not classified as toxic.

12.2. Persistence and degradability

Not classified as having any long-term adverse effects in the aquatic environment.

12.3. Bioaccumulative potential

Not determined.

12.4. Mobility in soil

Not determined.

12.5. Results of PBT and vPvB assessment

Does not fulfil the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

None known.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal of product

Hazardous Waste. Dispose of according to local regulations.

Disposal of packaging

Hazardous Waste. Dispose of according to local regulations.

SECTION 14. TRANSPORT INFORMATION

14.1. UN number

None

14.2. UN proper shipping name

None

14.3. Transport hazard class(es)

None

14.4. Packing group

None

14.5. Environmental hazards

None

14.6. Special precautions for user

None

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable



Product Floor Cleaners - Bitter Orange and Citrus Burst
Supersedes: Version 1, dated 29.06.15 **Version:** 2

Page: 7 of 7
Date Prepared: 18.12.17

Does not fulfil any of the criteria for classification as dangerous for transport.

SECTION 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Control of Substances Hazardous to Health Regulations 2002

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out on this mixture.

SECTION 16. OTHER INFORMATION

Inventories - All ingredients listed in EINECS.

Sources of data used in this SDS

Suppliers data sheets

In-house data files

Literature such as Sax's Dangerous Properties of Industrial Materials, the RSC Dictionary of Substances and their Effects, RTECS

Version number	2
Date prepared	18.12.17
Supersedes Version	1, dated 29.06.15
Revisions marked with in the left margin.	Sections 2, 3, 4 and 11
Nature of revision	Classification updated due to new information from ingredient supplier.

Mixture classified under CLP Regulation EC1272/2008 by calculation based on ingredient information.

H-statements used in Section 3 of this document

H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H412	Harmful to aquatic life with long lasting effects

Contains:	Non-ionic detergents	5 - 10%
	Anionic detergents	5 - 10%

Based on EU Regulation 1907/2006 as amended by Regulations 453/2010 and 2015/830