



# Safety Data Sheet

according to OSHA HCS 2012, 1272/2008/EC (CLP), and UN GHS

Wash & Shine Hard Floor Solution or Hard Floor Cleaner

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Wash & Shine Hard Floor Solution or Hard Floor Cleaner (1144E, 1144N, 1144J, 1144K, 56L9E, 56L9K, 40856L9, 1607508, 1614039)

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

Hard Floor cleaner

### 1.3. Details of the supplier of the substance or mixture

BISSELL Homecare, Inc.

PO Box 1888, Grand Rapids, MI 49501

(616) 453- 4451, www.BISSELL.com, SDS@BISSELL.com

### 1.4. Emergency telephone number

Prosar (Medical) 1 866-303-6951

Chemtrec (US) 1 800-424-9300 acct 2808

Chemtrec (Int'l) 1 703-527-3887

## SECTION 2: Hazard identification

### 2.1. Classification of the mixture and 2.2. Label elements

Regulation	Classification	Pictogram	Signal word	Hazard, Safety Statements
CLP (EC) No 1272/2008	Serious eye irritant (Category 2), H319		Warning	H319, Causes serious eye irritation P102, Keep out of reach of children. P305 + P351, If in eye: rinse cautiously with water for several minutes. P337 + P313, If eye irritation persists: get medical advice/attention.
HCS 2012, UN GHS	Eye irritant (Category 2B), H318	None	Warning	H318, Causes eye irritation P102, Keep out of reach of children. P305 + P351, If in eye: rinse cautiously with water for several minutes. P337 + P313, If eye irritation persists: get medical advice/attention.

### 2.3. Other hazards

None known

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Ingredient	Percent	Classification	EC Number/ CAS Number
Water	≥ 90	Not classified as hazardous	231-791-2/ 7732-18-5
C9-C11 Alcohols ethoxylated	≤ 1	(CLP, GHS) Eye Irritant 1; H318	NA / 68439-46-3
Alkyl(C12-16) Dimethyl-Benzylammonium Chloride	≤ 1	(CLP, GHS) Acute Tox. 4; Skin Corr. 1B; Eye Dam. 1; H302, H314	270-325-2 / 68424-85-1
Decyldimethyloctyl-Ammonium Chloride	≤ 1	(CLP, GHS) Acute Tox. 4; Skin Corr. 1B; Eye Dam. 1; H302, H314	226-195-4 / 32426-11-2
Fragrance	≤ 0.1	(CLP, GHS) Skin Irrit, H315; Skin Sens. 1, H317; Aqua Chronic 2, H411	Blend



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For full text of the H-statements and other abbreviations see section 16 "Other information".

## **SECTION 4: First aid measures**

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### **4.1. Description of first aid measures**

Inhalation: remove person to fresh air. If you are concerned, get medical advice.

Skin contact: wash with soap and water. If you are concerned, get medical advice.

Eye contact: flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

If swallowed: rinse mouth, drink 1-2 glasses of water, do not induce vomiting. If you are concerned, get medical advice.

Never give anything by mouth to an unconscious person.

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

See Section 11.1 Information on toxicological effects

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

Not applicable

## **SECTION 5: Fire-fighting measures**

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### **5.1. Extinguishing media**

Non-combustible. Use a fire fighting agent suitable for surrounding fire.

### **5.2. Special hazards arising from the substance or mixture**

None inherent in this product. Hazardous decomposition during combustion: carbon monoxide, carbon dioxide, irritant vapors or gases and oxides of sulphur.

### **5.3. Advice for fire-fighters**

No special protective actions for fire-fighters are anticipated.

## **SECTION 6: Accidental release measures**

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### **6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes.

### **6.2. Environmental precautions**

Do not empty into drains / surface water / ground water

### **6.3. Methods and material for containment and cleaning up**

Remove with liquid-absorbing material (sand, peat, sawdust). Wash away residue with plenty of water. Dispose of contaminated material as waste according to Chapter 13.

### **6.4. Reference to other sections**

Refer to Section 8 and Section 13 for more information

## **SECTION 7: Handling and storage**

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### **7.1. Precautions for safe handling**

Avoid skin and eye contact. See advice in chapter 8

### **7.2. Conditions for safe storage including any incompatibilities**

Keep out of the reach of children. Store in closed original container in a well-ventilated place

### **7.3. Specific end use(s)**

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.



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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Occupational exposure limits. If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient CAS Number Agency Limit type Additional comments  
none

Biological limit values: No biological limit values exist for any of the components listed in Section 3 of this safety data sheet

#### 8.2. Exposure controls

##### 8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray.

##### 8.2.2. Personal protective equipment (PPE)

Eye/face protection: None required.

Skin/hand protection: None required

Respiratory protection: None required

### SECTION 9: Physical and chemical properties

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

Appearance	Clear, light-straw liquid
Physical state	Liquid
Odor	Pleasant
Odor Threshold	> 50 mg/ m3
pH	6.0- 7.0
Flash Point	Not flammable
Melting Point/Range	Not applicable
Freezing point	0°C, 32°F
Boiling Point/Range	100 °C, 212°F
Autoignition Temperature	None
Flammability Limits in Air	Not flammable
Explosive properties	Not explosive

Oxidizing properties	Not oxidizing according to Regulation (CE) No 1272/2008
Vapor pressure	< 17.5 mmHg @ 20°C
Vapor density	No information available
Density	1.0 g/mL @ 20 °C
Partition coefficient	< 1 K <sub>ow</sub>
Water solubility	Completely Soluble@20 °C
Viscosity	< 20 cP @ 20C
Evaporation rate	>1 (BuAc = 1)
Decomposition	None

#### 9.2. Other information

Volatile organic compounds (VOC) 0 g/l

### SECTION 10: Stability and reactivity

**10.1 Reactivity** Stable under normal conditions

**10.2 Chemical stability** Stable

**10.3 Possibility of hazardous reactions** No dangerous reaction known under conditions of normal use

**10.4 Conditions to avoid** Heat

**10.5 Incompatible materials** Reducing agents, strong acids, strong oxidizing agents

**10.6 Hazardous decomposition products** None known. Refer to section 5.2 for hazardous decomposition products during combustion.



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## **SECTION 11: Toxicological information**

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### **11.1 Information on Toxicological effects**

Information given is based on product testing, and/or similar products, and/or components

CMR effects: Not expected to be carcinogenic. Not considered a mutagenic hazard. No toxicity to reproduction

Acute oral toxicity: LD50:> 2000 - 5000 mg / kg Species: rat

Acute inhalation toxicity: LC50:> 20 mg / l

Acute dermal toxicity: LD50:> 2000 - 5000 mg / kg

Skin: Result: Not irritating.

Eye irritation: Result: Causes serious eye irritation.

Sensitization: Not expected to be a sensitizer

Toxicity Repeated dose: Not expected to be a hazard.

Target organ toxicity - repeated exposure: Not expected to be a hazard.

## **SECTION 12: Ecological information**

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### **12.1. Toxicity**

Toxicity to fish: LC50:> 1-10 mg / l, Exposure time: 96 h

Species: Fish

Toxicity to daphnia and other invertebrates that live in water:

EC50:> 1 to 10 mg / l, exposure time: 48 h

Species: Daphnia magna, the value is estimated from tests on similar products.

Toxicity to algae: EC50:> 1 to 10 mg / l, Exposure time: 72 h

Species: algae, the value is estimated from tests on similar products.

### **12.2. Persistence and degradability**

Biodegradability: Result: According to the results of tests of biodegradability this product is considered as being readily biodegradable. > 60%, Method: OECD Guide- line 301 D - Ready Biodegradability: Closed Bottle Test

### **12.3. Bioaccumulative potential**

Bioaccumulation: No accumulation expected

### **12.4. Mobility in soil**

If the product enters soil, one or more constituents will or may be mobile and may contaminate groundwater.

### **12.5. Results of the PBT and vPvB assessment**

Results of PBT assessment: This substance does not meet the Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

### **12.6. Other adverse effects**

No data available

## **SECTION 13: Disposal considerations**

Waste from residues / unused products:

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation. Discharge used solutions to drain

European Waste Catalogue: 20 01 30 - detergents other than those mentioned in 20 01 29.

Empty packaging

Recommendation: Non contaminated packagings may be recycled.

Recommended cleansing agents: Water



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## SECTION 14: Transportation information

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ADR: Not hazardous for transport.

IMDG: Not hazardous for transport.

IATA: Not hazardous for transport

RID: Not hazardous for transport

DOT: Not hazardous for transport

## SECTION 15: Regulatory information

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

Workplace Exposure Limits EH40. Commission Directive 2000/39/EC - indicative occupational exposure limit values

Regulation (EC) No 1272/2008 Regulation on the Classification, Labeling and Packaging of Substances and Mixtures (as amended).

Regulation (EC) No 1907/2006 Registration, Evaluation, Authorization and Restriction of Chemicals (as amended).

Authorisations (Title VII Regulation 1907/2006) No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006) No specific restrictions of use are noted for this product.

Detergent Regulation 648/2004/EC

Water hazard classification (Germany): WGK 1 water pollutant (Self-assessment) slightly hazardous to water

Global inventory/ Notification status

CH INV: Y (positive listing) The composition contains a polymer. The monomers of this polymer has been noted.

US.TSCA: Y (positive listing) All chemical substances in this product are either listed in TSCA inventory list or are in accordance with exceptions TSCA inventory list

DSL: Y (positive listing) All components of this product are on the Canadian DSL list.

AICS: Y (positive listing) Compliance with the inventory

NZIoC: N (Negative listing) Compliance with the inventory

ENCS: N (Negative listing) Not in compliance with the inventory

ISHL: N (Negative listing) Not in compliance with the inventory

KECI: Y (positive listing) Compliance with the inventory

PICCS: Y (positive listing) Compliance with the inventory

IECSC: Y (positive listing) Compliance with the inventory

For explanation of abbreviations, see chapter 16.

### 15.2. Chemical Safety Assessment

A Chemical Safety Assessment is not required for this mixture

## SECTION 16: Other information

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The labeling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

According to regulation (EC) No 1272/2008

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H318 Causes serious eye damage

H319 Causes serious eye irritation.

H320 Causes eye irritation

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.



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## SECTION 16: Other information, continued

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### Abbreviations

CH INV	Switzerland. New notified guest substances and preparations Declared
US.TSCA	United States TSCA Inventory
DSL	Canadian Domestic Substances List (DSL)
AICS	Australia Inventory of Chemical Substances (AICS)
NZIoC	New Zealand. Inventory of Chemical Substances
ENCS	Japan. ENCS - Existing and New Chemical Substances Inventory
ISHL	Japan. ISHL - Inventory of Chemical Substances (METI)
KECI	Korea. Korean Existing Chemicals Inventory (KECI)
PICCS	Philippines Inventory of Chemicals and Chemical Substances (PICCS)
IECSC	China Inventory of Existing Chemical Substances in China (IECSC)

UK HSC : UK Health and Safety Commission

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road

DOT Department of Transportation

IATA International Air Transport Association

IMDG International Maritime Code for Dangerous Goods

OSHA Occupational Health Safety Association

RID Regulation concerning the international carriage of dangerous goods by rail

The information herein is presented in good faith and believed to be accurate as of the effective date shown below. However, no warranty, expressed or implied, is given. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure that its activities comply with federal, state or Provincial, and local laws.

Effective Date: July 12, 2022

Supersedes: July 3, 2019

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This SDS has been updated in the following section: Composition information