

## Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



# SC Johnson Professional® Hyper Concentrate Floor Stripper

Version 1.0

Print Date 10/20/2016

Revision Date 06/29/2015

SDS Number 350000028567

GEN\_SOF Number 50496

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

**Product name** : SC Johnson Professional® Hyper Concentrate Floor Stripper

**Recommended use** : This product is intended to be diluted prior to use.

**Manufacturer, importer, supplier** : S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine WI 53403-2236

**Telephone** : +18005585252

**Emergency telephone number** : 24 Hour Medical Emergency Phone: (866)231-5406  
24 Hour International Emergency Phone: (703)527-3887  
24 Hour Transport Emergency Phone: (800)424-9300

## 2. HAZARDS IDENTIFICATION

### Classification of the substance or mixture

#### Globally Harmonized System (GHS) Classification

| Hazard classification | Hazard category | Hazards identification                   |
|-----------------------|-----------------|------------------------------------------|
| Acute toxicity        | Category 4      | Harmful if swallowed.                    |
| Acute toxicity        | Category 4      | Harmful in contact with skin.            |
| Acute toxicity        | Category 4      | Harmful if inhaled.                      |
| Skin corrosion        | Category 1      | Causes severe skin burns and eye damage. |
| Serious eye damage    | Category 1      | Causes serious eye damage.               |

### Labelling

#### Hazard symbols

Corrosion  
Exclamation mark

#### Signal word

Danger

#### Hazard statements

Harmful if swallowed, in contact with skin or if inhaled

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Causes severe skin burns and eye damage.

### Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Immediately call a POISON CENTER or doctor/ physician.

Specific treatment (see supplemental first aid instructions on this label).

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

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

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Wash contaminated clothing before reuse.

Store locked up.

Dispose of contents/ container to an approved incineration plant.

Wear protective gloves/ protective clothing.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Avoid breathing mist.

**Other hazards** : None identified

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                                                  | CAS-No.   | Weight percent |
|----------------------------------------------------------------|-----------|----------------|
| Ethanolamine                                                   | 141-43-5  | 60.00 - 100.00 |
| Benzyl alcohol                                                 | 100-51-6  | 10.00 - 30.00  |
| Diisopropanolamine                                             | 110-97-4  | 1.00 - 5.00    |
| Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- | 9043-30-5 | 1.00 - 5.00    |

The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

For additional information on product ingredients, see [www.whatsinsidescjohnson.com](http://www.whatsinsidescjohnson.com).

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## 4. FIRST AID MEASURES

- |                     |   |                                                                                                                                                                                                                                                |
|---------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>  | : | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Get medical attention immediately.                      |
| <b>Skin contact</b> | : | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash off with plenty of water. Take off contaminated clothing and wash before reuse. Immediately call a POISON CENTER or doctor/physician. |
| <b>Inhalation</b>   | : | IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.                                                                                                        |
| <b>Ingestion</b>    | : | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.                                                                                                                  |

## 5. FIREFIGHTING MEASURES

- |                                             |   |                                                                                                                                                |
|---------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>         | : | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.                                                                       |
| <b>Specific hazards during firefighting</b> | : | Container may melt and leak in heat of fire.                                                                                                   |
| <b>Further information</b>                  | : | Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes. |

## 6. ACCIDENTAL RELEASE MEASURES

- |                             |   |                                                                     |
|-----------------------------|---|---------------------------------------------------------------------|
| <b>Personal precautions</b> | : | Wear personal protective equipment. Wash thoroughly after handling. |
| <b>Environmental</b>        | : | Outside of normal use, avoid release to the environment.            |

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### precautions

**Methods and materials for containment and cleaning up** : Dike large spills.  
Clean residue from spill site.

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## 7. HANDLING AND STORAGE

### Handling

**Precautions for safe handling** : Avoid contact with skin, eyes and clothing.  
For personal protection see section 8.  
Use only as directed.  
KEEP OUT OF REACH OF CHILDREN AND PETS.  
Avoid breathing vapours, mist or gas.  
Use only outdoors or in a well-ventilated area.  
Do not eat, drink or smoke when using this product.  
Wash thoroughly after handling.

**Advice on protection against fire and explosion** : Normal measures for preventive fire protection.

### Storage

**Requirements for storage areas and containers** : Keep container closed when not in use.  
Store locked up.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

| Components   | CAS-No.  | mg/m3   | ppm   | Non-standard units | Basis      |
|--------------|----------|---------|-------|--------------------|------------|
| Ethanolamine | 141-43-5 | 6 mg/m3 | 3 ppm | -                  | OSHA TWA   |
| Ethanolamine | 141-43-5 | -       | 6 ppm | -                  | ACGIH STEL |
| Ethanolamine | 141-43-5 | -       | 3 ppm | -                  | ACGIH TWA  |

### Personal protective equipment

- Respiratory protection** : Use only with adequate ventilation. Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection.
- Hand protection** : Wear suitable gloves. Rubber gloves
- Eye protection** : Wear splash-resistant Chemical goggles.
- Skin and body protection** : Protective footwear.
- Hygiene measures** : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Smoking, eating and drinking should be prohibited in the application area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Form** : liquid
- Color** : Straw-Colored
- Odor** : characteristic

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**Odour Threshold** : Test not applicable for this product type

**pH** : 11.54  
at (25 °C)  
10% solution, concentrated aqueous solution

**Melting point/freezing point** : Test not applicable for this product type

**Initial boiling point and boiling range** : Test not applicable for this product type

**Flash point** : > 93 °C  
> 199.4 °F

**Evaporation rate** : Test not applicable for this product type

**Flammability (solid, gas)** : The product is not flammable.

**Upper/lower flammability or explosive limits** : No data available

**Vapour pressure** : Test not applicable for this product type

**Vapour density** : Test not applicable for this product type

**Relative density** : 1.029 g/cm<sup>3</sup> at 27.5 °C

**Solubility(ies)** : dispersible

**Partition coefficient: n-octanol/water** : Test not applicable for this product type

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**Auto-ignition temperature** : Test not applicable for this product type

**Decomposition temperature** : Test not applicable for this product type

**Viscosity, dynamic** : < 20 mPa.s

**Viscosity, kinematic** : Test not applicable for this product type

**Oxidizing properties** : Test not applicable for this product type

**Volatile Organic Compounds** : 62 % - additional exemptions may apply  
**Total VOC (wt. %)\*** \*as defined by US Federal and State Consumer Product Regulations

**Other information** : None identified :

## 10. STABILITY AND REACTIVITY

**Possibility of hazardous reactions** : Do not mix with bleach or any other household cleaners. If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated.

**Possibility of hazardous reactions** : If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated.

**Conditions to avoid** : Direct sources of heat.

**Incompatible materials** : Do not mix with bleach or any other household cleaners. Strong bases

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**Hazardous decomposition products** : Thermal decomposition can lead to release of irritating gases and vapours.

### 11. TOXICOLOGICAL INFORMATION

**Emergency Overview** : Danger

**Acute oral toxicity** : NA GHS LD50  
Calculated  
1,829.21 mg/kg

**Acute inhalation toxicity** : NA GHS LC50 (vapour)  
Calculated  
12.65 mg/l

**Acute dermal toxicity** : NA GHS LD50  
Calculated  
1,379.69 mg/kg

| GHS Properties            | Classification             | Routes of entry            |
|---------------------------|----------------------------|----------------------------|
| Acute toxicity            | Category 4                 | Oral                       |
| Acute toxicity            | Category 4                 | Dermal                     |
| Acute toxicity            | No classification proposed | Inhalation - Dust and Mist |
| Acute toxicity            | Category 4                 | Inhalation - Vapour        |
| Acute toxicity            | No classification proposed | Inhalation - Gas           |
| Skin corrosion            | Category 1                 | -                          |
| Serious eye damage        | Category 1                 | -                          |
| Skin sensitisation        | No classification proposed | -                          |
| Respiratory sensitisation | No classification proposed | -                          |

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|                                                    |                            |   |
|----------------------------------------------------|----------------------------|---|
| Germ cell mutagenicity                             | No classification proposed | - |
| Carcinogenicity                                    | No classification proposed | - |
| Reproductive toxicity                              | No classification proposed | - |
| Specific target organ toxicity - single exposure   | No classification proposed | - |
| Specific target organ toxicity - repeated exposure | No classification proposed | - |
| Aspiration hazard                                  | No classification proposed | - |

### Aggravated Medical Condition

: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc. may be more susceptible to irritating effects  
Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc. may be more susceptible to irritating effects

## 12. ECOLOGICAL INFORMATION

**Product :** The product itself has not been tested.

### Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

### Toxicity to fish

| Components     | End point                 | Species                                 | Value    | Exposure time |
|----------------|---------------------------|-----------------------------------------|----------|---------------|
| Ethanolamine   | No data available<br>NOEC | Oryzias latipes                         | 1.2 mg/l | 30 h          |
| Benzyl alcohol | static test<br>LC50       | Pimephales promelas<br>(fathead minnow) | 460 mg/l | 96 h          |

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|                                                                       |                                          |                          |                |      |
|-----------------------------------------------------------------------|------------------------------------------|--------------------------|----------------|------|
| Diisopropanolamine                                                    | LC50                                     | Danio rerio (zebra fish) | 1,466 mg/l     | 96 h |
| Poly(oxy-1,2-ethanediyl),<br>.alpha.-isotridecyl-.omega.-<br>hydroxy- | LC50<br>OECD<br>Test<br>Guideline<br>203 | Danio rerio (zebra fish) | 1 - 10<br>mg/l | 96 h |

**Toxicity to aquatic invertebrates**

| Components                                                            | End point                                | Species                    | Value      | Exposure time |
|-----------------------------------------------------------------------|------------------------------------------|----------------------------|------------|---------------|
| Ethanolamine                                                          | EC50                                     | Daphnia magna (Water flea) | 65 mg/l    | 48 h          |
|                                                                       | NOEC                                     | Daphnia magna              | 0.85 mg/l  | 21 d          |
| Benzyl alcohol                                                        | EC50                                     | Daphnia magna (Water flea) | 230 mg/l   | 48 h          |
|                                                                       | NOEC                                     | Daphnia                    | 51 mg/l    | 21 d          |
| Diisopropanolamine                                                    | EC50                                     | Daphnia magna Straus       | 277.7 mg/l | 48 h          |
| Poly(oxy-1,2-ethanediyl),<br>.alpha.-isotridecyl-.omega.-<br>hydroxy- | EC50<br>OECD<br>Test<br>Guideline<br>202 | Daphnia (water flea)       | 7.07 mg/l  | 48 h          |

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### Toxicity to aquatic plants

| Components                                                     | End point        | Species                                       | Value     | Exposure time |
|----------------------------------------------------------------|------------------|-----------------------------------------------|-----------|---------------|
| Ethanolamine                                                   | EC50             | Desmodesmus subspicatus (green algae)         | 2.5 mg/l  | 72 h          |
| Benzyl alcohol                                                 | static test EC50 | Pseudokirchneriella subcapitata (green algae) | 770 mg/l  | 72 h          |
| Diisopropanolamine                                             | EC50             | Desmodesmus subspicatus (green algae)         | 339 mg/l  | 72 h          |
| Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- | EC50             | Desmodesmus subspicatus (green algae)         | > 10 mg/l | 72 h          |

### Persistence and degradability

| Component                                                      | Biodegradation | Exposure time | Summary               |
|----------------------------------------------------------------|----------------|---------------|-----------------------|
| Ethanolamine                                                   | > 90 %         | 21 d          | Readily biodegradable |
| Benzyl alcohol                                                 | 92 - 96 %      | 14 d          | Readily biodegradable |
| Diisopropanolamine                                             | 94 %           | 28 d          | Readily biodegradable |
| Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- | 79 %           | 28 d          | Readily biodegradable |

### Bioaccumulative potential

| Component                                                      | Bioconcentration factor (BCF) | Partition Coefficient n-Octanol/water (log) |
|----------------------------------------------------------------|-------------------------------|---------------------------------------------|
| Ethanolamine                                                   | No data available             | -1.31                                       |
| Benzyl alcohol                                                 | 1.37 estimated                | 1.1                                         |
| Diisopropanolamine                                             | 3.16 estimated                | -0.79                                       |
| Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- | No data available             | 3.59                                        |

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### Mobility

| Component                                                             | End point         | Value        |
|-----------------------------------------------------------------------|-------------------|--------------|
| Ethanolamine                                                          | Koc               | 15           |
| Benzyl alcohol                                                        | No data available | -            |
| Diisopropanolamine                                                    | Koc               | 43 estimated |
| Poly(oxy-1,2-ethanediyl),<br>.alpha.-isotridecyl-.omega.-<br>hydroxy- | No data available |              |

### PBT and vPvB assessment

| Component                                                             | Results                              |
|-----------------------------------------------------------------------|--------------------------------------|
| Ethanolamine                                                          | Not fulfilling PBT and vPvB criteria |
| Benzyl alcohol                                                        | Not fulfilling PBT and vPvB criteria |
| Diisopropanolamine                                                    | Not fulfilling PBT and vPvB criteria |
| Poly(oxy-1,2-ethanediyl),<br>.alpha.-isotridecyl-.omega.-<br>hydroxy- | Not fulfilling PBT and vPvB criteria |

**Other adverse effects** : None known.

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## 13. DISPOSAL CONSIDERATIONS

Consumer may discard empty container in trash, or recycle where facilities exist.

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## 14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

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|                              | Land transport                                                                                     | Sea transport                                                                                      | Air transport                                                                                      |
|------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| UN number                    | 2491                                                                                               | 2491                                                                                               | 2491                                                                                               |
| UN proper shipping name      | UN 2491 Ethanolamine solutions, 8, III                                                             | UN 2491 Ethanolamine solutions, 8, III                                                             | UN 2491 Ethanolamine solutions, 8, III                                                             |
| Transport hazard class(es)   | 8                                                                                                  | 8                                                                                                  | 8                                                                                                  |
| Packing group                | III                                                                                                | III                                                                                                | III                                                                                                |
| Environmental hazards        | -                                                                                                  | -                                                                                                  | -                                                                                                  |
| Special precautions for user | Limited quantities derogation may be applicable to this product, please check transport documents. | Limited quantities derogation may be applicable to this product, please check transport documents. | Limited quantities derogation may be applicable to this product, please check transport documents. |

## 15. REGULATORY INFORMATION

**Notification status** : All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**California Prop. 65** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### State Right To Know

|                   |                    |           |
|-------------------|--------------------|-----------|
| Massachusetts RTK | Ethanolamine       | 141-43-5  |
| Minnesota HSL     | Ethanolamine       | 141-43-5  |
|                   | Benzyl alcohol     | 100-51-6  |
| New Jersey HRTK   | Ethanolamine       | 141-43-5  |
| Pennsylvania RTKL | Ethanolamine       | 141-43-5  |
|                   | Benzyl alcohol     | 100-51-6  |
|                   | Water              | 7732-18-5 |
|                   | Diisopropanolamine | 110-97-4  |

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## 16. OTHER INFORMATION

### HMIS Ratings

|              |   |
|--------------|---|
| Health       | 3 |
| Flammability | 1 |
| Reactivity   | 0 |

### NFPA Ratings

|            |   |
|------------|---|
| Health     | 3 |
| Fire       | 1 |
| Reactivity | 0 |
| Special    | - |

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

### Further information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

|             |                                                                  |
|-------------|------------------------------------------------------------------|
| Prepared by | SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA) |
|-------------|------------------------------------------------------------------|