SC Johnson Professional® Hyper Concentrate Floor Stripper

Version *1*.0

Print Date 06/22/2021

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 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
Causes severe skin burns and eye damage.

SC Johnson Professional® Hyper Concentrate Floor Stripper

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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.

4. FIRST AID MEASURES

SC Johnson Professional® Hyper Concentrate Floor Stripper

Version *1*.0

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Revision Date 06/29/2015

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Eye contact	:	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.
Skin contact	:	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.
Inhalation	:	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Ingestion	:	IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Specific hazards during firefighting	:	Container may melt and leak in heat of fire.
Further information	:	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

Personal precautions	:	Wear personal protective equipment. Wash thoroughly after handling.
Environmental precautions	:	Outside of normal use, avoid release to the environment.
Methods and materials	:	Dike large spills.

SC Johnson Professional® Hyper Concentrate Floor Stripper

Version *1*.0 Print Date 06/22/2021

Revision Date 06/29/2015 SDS Number 350000028567
GEN_SOF Number 50496

for containment and cleaning up Clean residue from spill site.

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.

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.

SC Johnson Professional® Hyper Concentrate Floor Stripper

Version *1*.0

Print Date 06/22/2021

Revision Date 06/29/2015

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		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
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

SC Johnson Professional® Hyper Concentrate Floor Stripper

Version *1*.0

Print Date 06/22/2021

Revision Date 06/29/2015

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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/cm3 at 27.5 °C
Solubility(ies)	:	dispersible
Partition coefficient: n-octanol/water	:	Test not applicable for this product type
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 Total VOC (wt. %)*	:	62 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations

SC Johnson Professional® Hyper Concentrate Floor Stripper

Version *1*.0

Print Date 06/22/2021

Revision Date 06/29/2015

SDS Number 350000028567
GEN_SOF Number 50496

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

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

SC Johnson Professional® Hyper Concentrate Floor Stripper

Version *1*.0

Print Date 06/22/2021

Revision Date 06/29/2015

SDS Number 350000028567
GEN_SOF Number 50496

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

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Version *1*.0

Print Date 06/22/2021

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SDS Number 350000028567
GEN_SOF Number 50496

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 NOEC	Oryzias latipes	1.2 mg/l	30 h
Benzyl alcohol	static test LC50	Pimephales promelas (fathead minnow)	460 mg/l	96 h
Diisopropanolamine	LC50	Danio rerio (zebra fish)	1,466 mg/l	96 h
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-	LC50 OECD Test Guideline 203	Danio rerio (zebra fish)	1 - 10 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), .alpha.-isotridecyl-.omega.-hydroxy-	EC50 OECD Test Guideline 202	Daphnia (water flea)	7.07 mg/l	48 h

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

Mobility

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

SC Johnson Professional® Hyper Concentrate Floor Stripper

Version *1*.0

Print Date 06/22/2021

Revision Date 06/29/2015

SDS Number 350000028567
GEN_SOF Number 50496

Diisopropanolamine	Not fulfilling PBT and vPvB criteria
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-	Not fulfilling PBT and vPvB criteria

Other adverse effects : None known.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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

	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

SC Johnson Professional® Hyper Concentrate Floor Stripper

Version *1*.0

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SDS Number 350000028567
GEN_SOF Number 50496

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

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.

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GEN_SOF Number 50496

Further information

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