

# Material Safety Data Sheet

according to ANSI Z400.1- 2004 and 29 CFR 1910.1200



## ARMSTRONG® CONCENTRATED FLOOR CLEANER

Version 1.1

Print Date 08/01/2011

Revision Date 07/29/2011

MSDS Number 350000003595

SITE\_FORM Number

30000000000000002935.001

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : ARMSTRONG® CONCENTRATED FLOOR CLEANER

Use of the Substance/Mixture : Floor Polish/Cleaner

Company : S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine WI 53403-2236

Emergency telephone number : 24 Hour Transport & Medical Emergency Phone (866) 231-5406  
24 Hour International Emergency Phone (952) 852-4647

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance / Odor : blue / liquid / pleasant

#### Immediate Concerns

: Caution  
MAY CAUSE IRRITATION.  
Avoid contact with skin, eyes and clothing.

#### Potential Health Effects

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : May irritate eyes.

Skin : Prolonged or repeated contact may dry skin and cause irritation.

Inhalation : No adverse effects expected when used as directed.

Ingestion : May cause irritation to mouth, throat and stomach.  
May cause abdominal discomfort.

Aggravated Medical Condition : Persons with pre-existing skin disorders may be more susceptible to irritating effects.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous chemicals present at or above reportable levels as defined by OSHA 29 CFR 1910.1200 or the Canadian Controlled Products Regulations are listed in this table:

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Chemical Name	CAS-No.	Weight percent
Modified Acrylic Polymer	Mixture	5.00 - 10.00
Ethoxylated linear alcohol	68131-39-5	1.00 - 5.00
Ammonium Hydroxide	1336-21-6	0.10 - 1.00

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

### 4. FIRST AID MEASURES

- Eye contact : Remove contact lenses. Flush immediately with plenty of water for at least 15 to 20 minutes. Get medical attention if irritation develops and persists.
- Skin contact : Rinse with plenty of water. Get medical attention if irritation develops and persists.
- Inhalation : No special requirements
- Ingestion : If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

### 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 : Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.
- Flash point : Note: not applicable
- Lower explosion limit : Note: no data available
- Upper explosion limit : Note: no data available

### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : No special precautions required.

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Environmental precautions : Outside of normal use, avoid release to the environment.

Methods for cleaning up : Soak up with inert absorbent material.  
Sweep up and shovel into suitable containers for disposal.  
Dike large spills.  
Clean residue from spill site.

### 7. HANDLING AND STORAGE

#### Handling

Advice on 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.

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.  
Keep in a dry, cool and well-ventilated place.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational Exposure Limits

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

#### Personal protective equipment

##### Respiratory protection

Industrial setting : No personal respiratory protective equipment normally required.

Household setting : Use only with adequate ventilation.

**Hand protection** : No special requirements.

##### Eye protection

Industrial setting : Safety glasses with side-shields

Household setting : Avoid contact with eyes.

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**Skin and body protection** : No special requirements.

**Hygiene measures** : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Color : blue

Odor : pleasant

pH : 8.5 - 9.0

Melting point : no data available

Boiling point : > 200 °F

Freezing point : no data available

Flash point : not applicable

Evaporation rate : no data available

Autoignition temperature : not applicable

Lower explosion limit : no data available

Upper explosion limit : no data available

Vapour pressure : no data available

Density : 1.02 g/cm<sup>3</sup>  
no data available

Water solubility : completely soluble

Partition coefficient: n-octanol/water : no data available

Volatile Organic Compounds : 0.4 % - additional exemptions may apply  
Total VOC (wt. %)\* : \*as defined by US Federal and State Consumer Product Regulations

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#### 10. STABILITY AND REACTIVITY

- |                                  |  |
|----------------------------------|--|
| Conditions to avoid              | : Direct sources of heat.  |
| Materials to avoid               | : Strong acids   |
| Hazardous decomposition products | : Thermal decomposition can lead to release of irritating gases and vapours. |
| Hazardous reactions              | : Stable under recommended storage conditions.                               |

#### 11. TOXICOLOGICAL INFORMATION

- |                           |                                      |
|---------------------------|--------------------------------------|
| Acute oral toxicity       | : LD50<br>estimated<br>> 5,000 mg/kg |
| Acute inhalation toxicity | : no data available                  |
| Acute dermal toxicity     | : no data available                  |
| <b>Chronic effects</b>    |                                      |
| Carcinogenicity           | : no data available                  |
| Mutagenicity              | : None Anticipated                   |
| Reproductive effects      | : no data available                  |
| Teratogenicity            | : no data available                  |
| Sensitisation             | : Not known to be a sensitizer.      |

#### 12. ECOLOGICAL INFORMATION

- |                     |                     |
|---------------------|---------------------|
| Ecotoxicity effects | : no data available |
|---------------------|---------------------|

#### 13. DISPOSAL CONSIDERATIONS

Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding

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disposal.

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

###### ▪ U.S. DOT and Canadian TDG Surface Transportation:

Proper shipping name	not regulated
Class:	None.
UN/ID No.:	None.
Packaging group	None.

##### Sea transport

###### ▪ IMDG:

Proper shipping name	not regulated
Class:	None.
UN/ID No.:	None.
Packaging group	None.

##### Air transport

###### ▪ ICAO/IATA:

Proper shipping name	not regulated
Class:	None.
UN/ID No.:	None.
Packaging group	None.

#### 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.
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Notification status	: All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).
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California Prop. 65	: This product is not subject to the reporting requirements under California's Proposition 65.
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Canada Regulations	: This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.
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### 16. OTHER INFORMATION

#### HMIS Ratings

Health	1
Flammability	0
Reactivity	0

#### NFPA Ratings

Health	1
Fire	0
Reactivity	0
Special	-

#### 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)
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