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



## OUST® SURFACE DISINFECTANT & AIR SANITIZER - CLEAN SCENT

Version 1.3 Print Date 03/03/2011

Revision Date 12/01/2009 MSDS Number 350000003666

SITE\_FORM Number

3000000000000008466.001

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product information** 

Trade name : OUST® SURFACE DISINFECTANT & AIR SANITIZER -

**CLEAN SCENT** 

Use of the

Substance/Mixture

: Disinfectant

Company : S.C. Johnson & Son, Inc.

1525 Howe Street

Racine WI 53403-2236

Emergency telephone : 24 Hour Transport & Medical Emergency Phone (866) 231-

5406

24 Hour International Emergency Phone (952) 852-4647

### 2. HAZARDS IDENTIFICATION

**Emergency Overview** 

Appearance / Odor : clear colourless / aerosol / pleasant

Immediate Concerns : Caution

MAY CAUSE IRRITATION.

Contents under pressure. Do not puncture or incinerate. Keep away from heat, sparks and flame. Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst. Avoid

contact with skin, eyes and clothing.

**Potential Health Effects** 

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : May cause:

Moderate eye irritation

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

Inhalation : May cause nose, throat, and lung irritation.

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

Aggravated Medical

Condition

: Individuals with chronic respiratory disorders such as asthma,

chronic bronchitis, emphysema, etc. may be more susceptible

to irritating effects

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#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name             | CAS-No.    | Weight percent |
|---------------------------|------------|----------------|
| Ethyl alcohol             | 64-17-5    | 30.00 - 60.00  |
| Water                     | 7732-18-5  | 30.00 - 60.00  |
| Isobutane                 | 75-28-5    | 10.00 - 30.00  |
| Propane                   | 74-98-6    | 5.00 - 10.00   |
| Triethylene glycol        | 112-27-6   | 6.00           |
| (C12-                     | 68989-01-5 |                |
| C18)Alkyldimethylbenzylam |            | 0.20           |
| monium Saccharinate       |            |                |

#### 4. FIRST AID MEASURES

Eye contact : Flush immediately with plenty of water for at least 15 to 20

minutes. Get medical attention if irritation develops and

persists.

Skin contact : Wash off with soap and water. Get medical attention if irritation

develops and persists.

Inhalation : Remove to fresh air. If breathing is affected, get medical

attention.

Ingestion : Rinse mouth with water. Never give anything by mouth to an

unconscious person. Consult a physician if necessary.

#### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing

media

: Alcohol foam, carbon dioxide, dry chemical, water fog

Specific hazards during fire

fighting

Aerosol Product - Containers may rocket or explode in heat of

fire.

Further information : Fight fire from maximum distance or protected area. Cool and

use caution when approaching or handling fire-exposed

containers.

Flash point : < -7 °C

Note: Propellant

Flash point : < 20 °F

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



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Note: Propellant

Lower explosion limit : Note: no data available

Upper explosion limit : Note: no data available

NFPA Classification : NFPA Level 2 Aerosol

#### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Remove all sources of ignition.

Methods for cleaning up : Sweep up and shovel into suitable containers for disposal.

Soak up with inert absorbent material.

Dike large spills.

#### 7. HANDLING AND STORAGE

#### Handling

Advice on safe handling : Avoid contact with skin, eyes and clothing.

KEEP OUT OF REACH OF CHILDREN AND PETS.

Use only as directed.

Do not puncture or incinerate.

Advice on protection against fire and explosion

Keep away from heat and sources of ignition.

#### Storage

Requirements for storage areas and containers

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

Do not store at temperatures above 120 Deg. F (50 Deg C), as

container may burst.

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



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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Occupational Exposure Limits**

| Components    | CAS-No. | mg/m3       | ppm       | Basis     |
|---------------|---------|-------------|-----------|-----------|
| Ethyl alcohol | 64-17-5 | -           | 1,000 ppm | ACGIH TWA |
| Ethyl alcohol | 64-17-5 | 1,900 mg/m3 | 1,000 ppm | OSHA TWA  |
| Isobutane     | 75-28-5 | -           | 1,000 ppm | ACGIH TWA |
| Propane       | 74-98-6 | -           | 1,000 ppm | ACGIH TWA |
| Propane       | 74-98-6 | 1,800 mg/m3 | 1,000 ppm | OSHA TWA  |

#### Personal protective equipment

#### Respiratory protection

Industrial setting : Substantial amounts of mist/vapors can be controlled with

local exhaust ventilation or respiratory protection.

Household setting : No personal respiratory protective equipment normally

required.

Hand protection

Industrial setting : For prolonged or repeated contact use protective gloves.

Household setting : not required under normal use

Eye protection

Industrial setting : If prolonged or repeated contact is possible:

Safety glasses with side-shields

Household setting : No special requirements.

**Hygiene measures** : Use only with adequate ventilation. Wash thoroughly after

handling. Wear suitable protective clothing.

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : aerosol

Color : clear colourless

Odor : pleasant

pH : 7-8

Boiling point : no data available

Freezing point : no data available

Flash point : < -7 °C

Propellant

Flash point : < 20 °F

Propellant

Evaporation rate : no data available

Autoignition temperature : no data available

Lower explosion limit : no data available

Upper explosion limit : no data available

Vapour pressure : no data available

Density : no data available

Water solubility : dispersible

Volatile Organic Compounds :

(California Air Resource

Board – CARB) Total VOC (wt. %) 60.9 % - does not include any applicable regulatory

exemptions

#### 10. STABILITY AND REACTIVITY

Conditions to avoid : Heat, flames and sparks.

Materials to avoid : Do not mix with oxidizing agents.

Hazardous decomposition

products

: Thermal decomposition can lead to release of irritating gases

and vapours.

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Hazardous reactions : Stable

#### 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50

estimated > 5,000 mg/kg

Acute inhalation toxicity : LC50

> 6.27 mg/l

Acute dermal toxicity : LD50

estimated > 5,000 mg/kg

**Chronic effects** 

Carcinogenicity : no data available

Mutagenicity : no data available

Reproductive effects : no data available

Teratogenicity : no data available

Sensitisation : no data available

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity effects** : no data available

#### 13. DISPOSAL CONSIDERATIONS

Industrial setting : Observe all applicable Federal, Provincial and State

regulations and Local/Municipal ordinances regarding

disposal.

Household setting : Consumer may discard empty container in trash, or recycle

where facilities exist.

6/8

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#### 14. TRANSPORT INFORMATION

## Land transport

U.S. DOT and Canadian TDG Surface Transportation:

UN-Number 1950

Proper shipping name Aerosols, flammable

Class: 2.1 Packaging group: None.

Note: SC Johnson ships this product as Consumer Commodity ORM-D

(non-bulk packages)

#### Sea transport

IMDG:

Class: 2.1 Packaging group: None.

Proper shipping name Aerosols, flammable

UN-Number: 1950

Note: SC Johnson ships this product as "Limited Quantity" when the

container quantity value is 1 Liter or less.

#### Air transport

■ ICAO/IATA:

Class: 2.1 Packaging group: None.

Proper shipping name Aerosols, flammable

UN/ID No.: UN 1950

Note: SC Johnson typically does not ship products via air, therefore it has

not been determined if the product container meets current

IATA/ICAO package criteria. Refer to IATA/ICAO Dangerous Goods Regulations for detailed instructions when shipping this item by air.

## 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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California Prop. 65

This product is not subject to the reporting requirements under

California's Proposition 65.

Registration # / Agency

4822-548/EPA

### 16. OTHER INFORMATION

## **HMIS Ratings**

| riivii 3 Kauriys |   |  |
|------------------|---|--|
| Health           | 2 |  |
| Flammability     | 4 |  |
| Reactivity       | 0 |  |

## NFPA Ratings

| NEFA Kalings |   |
|--------------|---|
| Health       | 2 |
| Fire         | 4 |
| Reactivity   | 0 |
| Special      |   |

#### Further information

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