

Safety Data Sheet

According to SS586:2014

Clorox Kitchen Cleaner - Floral Scent

Version 1.0

Printing date: 10/10/2014

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SDS Record Number: CSSS-TCO-010-115574

Section 1 Identification of the substance/mixture and of the company/undertaking

Product identifier:

Identification on the label/Trade name: Clorox Kitchen Cleaner - Floral Scent
Additional identification: Not available
Identification of the product: See section 3
Index Number: Not available
REACH registration No.: Not available

Relevant identified uses of the substance and uses advised against:

Identified uses:

Cleaning agent.

Uses advised against:

Not available.

Details of the supplier of the safety data sheet:

Supplier(Manufacturer): The Clorox Company
Address: 1221 Broadway Oakland, CA, 94612 USA
Contact person(E-mail): -
Telephone: -
Fax: -

Emergency telephone Number:

For Medical Emergencies call: 1-800-446-1014

Transportation Emergencies, call Chemtrec: 1-800-424-9300

Available outside office hours? YES NO

Section 2 Hazards Identification

Classification of the substance/mixture:

GHS Classification Serious eye damage/eye irritation Category 2B

label elements:

Hazard Pictograms: No hazard pictogram is used.
Signal Word(S): Warning
Hazard Statement: Causes eye irritation.
Precautionary statement: Wash hand thoroughly after handling.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Other hazards:

Not available.

Section 3 Composition/information on ingredients

Substance/Mixture: Mixture

Ingredient(s):

| Chemical Name | Registration No. | CAS No. | EC No. | Concentration |
|-----------------------|------------------|-----------|-----------|---------------|
| Sodium hypochlorite | N/A | 7681-52-9 | 231-668-3 | 0.1-1% |
| EDTA calcium disodium | N/A | 62-33-9 | 200-529-9 | < 0.1% |

Section 4 First aid measures

Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

In case of inhalation:

Move to fresh air.

In case of skin contact:

Wash off with warm water and soap.

In case of eyes contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Get medical attention immediately if irritation persists. Remove contact lenses, if applicable, and continue flushing.

In case of ingestion:

Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed:

Causes eye irritation.

Indication of any immediate medical attention and special treatment needed:

If skin irritation or rash occurs, get medical advice/attention.

Section 5 Fire-Fighting measures

Extinguishing media:

Suitable extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media:

Water spray

Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors.

Special fire fighting methods and special protective actions for fire-fighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Provide adequate ventilation. Avoid inhalation of vapour or dust. Avoid skin and eye contact. Refer to section 8 of SDS for personal protection details.

For emergency responders:

Wear an appropriate NIOSH/MSHA approved respirator if dust is generated.

Environmental Precautions: Do not allow material to be released to the environment without proper governmental permits.

Methods for Containment and Cleaning up: Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

Reference to other sections: See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

Additional information: Not applicable.

Section 7 Handling and storage

Precautions for safe handling:

Protective measures: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes.

Advice on general occupational hygiene: Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

Conditions for safe storage, including any incompatibilities: Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Store away from other materials

Specific end use(s): Not applicable.

Section 8 Exposure Controls/Personal Protection

Control parameters:

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA: Not Available

EMERGENCY LIMITS:

| Ingredient | TEEL-0 | TEEL-1 | TEEL-2 | TEEL-3 |
|---------------------------------------|---------------|---------------|---------------|---------------|
| Clorox Kitchen Cleaner - Floral Scent | Not Available | Not Available | Not Available | Not Available |

| Ingredient | Original IDLH | Revised IDLH |
|----------------------------|---------------|---------------|
| EDTA calcium disodium salt | Not Available | Not Available |
| sodium hypochlorite | Not Available | Not Available |

Exposure controls:

Appropriate engineering controls: Use in a well-ventilated area.

Individual protection measures, such as personal protective equipment:

Eye/face protection: If splashes are likely to occur, wear: Safety glasses with side-shields. None required for consumer use.

Hand protection: Wear protective gloves.

Body protection: Wear protective clothing.

Respiratory protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Thermal hazards: Wear suitable protective clothing to prevent heat.

Environmental exposure controls: Avoid discharge into the environment.
According to local regulations, Federal and official regulations.

Section 9 Physical and chemical properties

Information on basic physical and chemical properties:

| | |
|--|---------------|
| Appearance: | Liquid |
| Colour: | Not available |
| Odour: | Bleach |
| Odour threshold: | Not available |
| pH: | 13 |
| Melting point/range (°C): | Not available |
| Boiling point/range (°C): | Not available |
| Flash point (°C): | Not available |
| Evaporation rate: | Not available |
| Flammability limit - lower (%): | Not available |
| Flammability (solid, gas): | Not available |
| Ignition temperature (°C): | Not available |
| Upper/lower flammability/explosive limits: | Not available |
| Vapour pressure (20°C): | Not available |
| Vapour density: | Not available |
| Density: | Not available |
| Bulk density (kg/m ³): | Not available |
| Water solubility (g/l): | Appreciable |
| n-Octanol/Water (log Po/w): | Not available |
| Auto-ignition temperature: | Not available |
| Decomposition temperature: | Not available |
| Viscosity, dynamic (mPa.s): | Not available |
| Explosive properties: | Not available |
| Oxidising properties: | Not available |
| Molecular Formula: | Not available |
| Molecular Weight: | Not available |

Other information:

| | |
|--|---------------|
| Fat solubility(solvent– oil to be specified) etc: | Not available |
| Surface tension: | Not available |
| Dissociation constant in water(pKa): | Not available |
| Oxidation-reduction Potential: | Not available |
| Specific gravity: | Not available |

Section 10 Stability and reactivity

| | |
|--|---|
| Reactivity: | The substance is stable under normal storage and handling conditions. |
| Chemical stability: | Stable at room temperature in closed containers under normal storage and handling conditions. |
| Possibility of hazardous reactions: | No dangerous reactions known. |
| Conditions to avoid: | Incompatible materials. Exposure to air or moisture over prolonged periods. |

Incompatible materials: Acids. Bases. Oxidizing agents.
Hazardous decomposition products: Carbon oxides.

Section 11 Toxicological information

Toxicokinetics, metabolism and distribution:

Non-human toxicological data: Not available

Information on toxicological effects:

Acute toxicity:

Sodium hypochlorite (CAS#7681-52-9)

LD50(Oral, Rat): 8200 mg/kg

LD50(Dermal, Rabbit): > 10000 mg/kg

LC50(Inhalation, Rat): Not available

Skin corrosion/Irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

STOT- single exposure: Not classified

STOT-repeated exposure: Not classified

Section 12 Ecological information

Toxicity:

| Acute toxicity | | Time | Species | Method | Evaluation | Remarks |
|----------------|-----|------|---------|----------|------------|---------|
| LC50 | N/A | 96h | Fish | OECD 203 | N/A | N/A |
| EC50 | N/A | 48h | Daphnia | OECD 202 | N/A | N/A |
| EC50 | N/A | 72h | Algae | OECD 201 | N/A | N/A |

Persistence and degradability: Not available.

Bioaccumulative potential: Not available.

Mobility in soil: Not available.

Results of PBT&vPvB assessment: Not available.

Other adverse effects: Not available.

Section 13 Disposal considerations

Waste treatment methods: The material should be disposed of by incineration in a chemical incinerator in compliance with national and regional requirements.

Product / Packaging disposal: If empty container retains product residues, all label precautions must be observed. Return for reuse or dispose according to national or local regulations.

Section 14 Transport information

| | Land transport(ADR/RID) | Sea transport (IMDG) | Air transport (ICAO/IATA) |
|--|-------------------------|----------------------|---------------------------|
|--|-------------------------|----------------------|---------------------------|

| | | | |
|---|-----------------|-----------------|-----------------|
| UN-Number | Not regulated | Not regulated | Not regulated |
| UN Proper shipping name | Not regulated | Not regulated | Not regulated |
| Transport hazard Class | Not regulated | Not regulated | Not regulated |
| Packaging group | Not regulated | Not regulated | Not regulated |
| Environmental hazards | No | No | No |
| Special precautions for user | See section 2.2 | See section 2.2 | See section 2.2 |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not regulated | Not regulated | Not regulated |

Section 15 Regulation information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

| | |
|---|--|
| EDTA calcium disodium salt(62-33-9) is found on the following regulatory lists | Not available. |
| Sodium hypochlorite(7681-52-9) is found on the following regulatory lists | "Singapore Permissible Exposure Limits of Toxic Substances" "International Agency for Research on Cancer (IARC) – Agents Classified by the IARC Monographs" |

Section 16 Other information

Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

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