



SAFETY DATA SHEET

DISHWASHER SANI CONCENTRATE

Section 1: Identification

Product Name: Dishwasher Sani Concentrate
Chemical Name/Synonyms: Not applicable
Recommended use: Commercial dishwashers
Restricted use: For use in commercial dishwasher. Not for household use.
Company: Active Element
2819 Southwest Boulevard
Kansas City, MO 64108
1-816-561-5377

In emergency call 911.

For information about this SDS, use this department contact phone#: 1-816-561-5377

Section 2: Hazard(s) Identification

GHS Classification:

Skin corrosive: Category 1B
Serious eye damage: Category 1
Corrosive to metals: Category 1

GHS Labeling:

Hazard Pictograms:



Signal Word(s): Danger

Hazard Statements: H314- Causes severe skin burns and eye damage

Precautionary Statements:

Prevention:

Wash exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection

Response: IF SWALLOWED: Rinse mouth. Do not induce vomiting. **IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. **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/doctor.

Storage: Store locked up

Disposal: Dispose of contents/ container to an approved waste disposal site.

Other Hazards: Mixing this product with acid or ammonia releases chlorine gas. Contact with acids liberates toxic gas.

Section 3: Composition/ Information on Ingredients

Substance type: Mixture

Chemical Name	Synonym	CAS#	Conc.
sodium hypochlorite	Liquid bleach	7681-52-9	10-30%

Section 4: First-Aid Measures

After skin contact: Wash immediately with lots of water for at least 15 minutes. Use mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

After eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

After inhalation: Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.

After swallowing: Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Protection of first-aiders: If potential to exposure exists refer to Section 8 for specific personal protective equipment.

Section 5: Fire-Fighting Measures

Suitable extinguishing agents: Adapt extinguishing media to the environment for surrounding fires.

Unsuitable extinguishing methods: None known

Specific hazards during firefighting: Exposure to decomposition products may be a hazard to health.

Hazard combustion products: Decomposition products may include the following. Halogenated compounds. Metal oxides.

Specific extinguishing methods: Fire residuals and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Special protective equipment for firefighters: In case of fire, wear a full face positive-pressure self contained breathing apparatus.

Hazchem Code: 2X

Section 6: Accidental Release Measures

Personal precautions: Ensure adequate ventilation. Keep people away from upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Measures for environmental protection: Do not allow contact with soil, surface or ground water.

Measures for cleaning/collecting: Stop leak/spill if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13) Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

Section 7: Handling and Storage

Handling: Do not ingest. Do not breathe dust/fumes/gas/mist/vapours/spray. Use only in the open/under exhaust/ventilation. Do not get in eyes, on skin or on clothing. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Mixing this product with acid or ammonia releases chlorine gas.

Storage temperature: 0 °C to 40 °C

Storage: Do not store near acids. Keep out of reach of children. Store in suitable labeled containers. Keep containers air tight. Keep locked up.

Section 8: Exposure Controls/Personal Protection

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures: Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards

Personal Protective Equipment

Eye Protection: Wear eye/face protection.

Hand Protection: Standard glove type. Impervious gloves.

Skin protection: Wear personal protective equipment comprising suitable protective gloves, safety goggles and protective clothing.

Respiratory protection: When workers are facing concentrations above the exposure limit they must respiratory protection.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Section 9: Physical and Chemical Properties

Appearance: Liquid

Color: Yellow

Odor: Chlorine

Odor threshold: No data available.

pH: 12.0-13.5 %

Melting point: No data available.

Boiling point/boiling range: 100 °C

Flash point: Not applicable. Does not sustain combustion.

Evaporation rate: No data available.

Flammability: No data available.

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

Auto ignition temperature: Not applicable.

Vapor pressure: No data available.

Vapor density: No data available.

Relative density: 1.15-1.25

Solubility in/Miscibility with water: Soluble in water

Viscosity, kinematic: No data available.

Viscosity, dynamic: No data available.

Molecular mass: No data available

Explosive properties: None

Oxidizing properties: None

Section 10: Stability and Reactivity

Reactivity: Mixing this product with acid or ammonia releases chlorine gas.

Chemical stability: Stable under normal conditions.

Conditions to avoid: None know.

Incompatible materials: Strong acids. Some metals.

Hazardous decomposition products: Halogenated compounds. Metal oxides.

Section 11: Toxicological Information

Information on likely routes of exposure: Inhalation, eye contact, skin contact

Potential routes of exposure/potential health effects

Skin: Causes severe skin burns

Eye: Causes serious eye damage

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

Ingestion: Causes digestive tract burns.

Chronic Exposure: Health injuries are not known or expected under normal use.

Carcinogenic effects: No data available.

Experience with human exposure

Eye contact: Redness, pain, corrosion

Skin contact: Redness, pain, corrosion

Ingestion: Corrosion, abdominal pain

Inhalation: Respiratory irritation, cough

Toxicity

Acute oral toxicity: No data available.

Acute inhalation toxicity: No data available.

Acute dermal toxicity: No data available

Skin corrosion/irritation: No data available.

Serious eye damage/eye irritation: No data available.

Respiratory or skin sensitization: No data available.

Carcinogenicity: No data available.

Reproductive effects: No data available.

Germ cell mutagenicity: No data available.

Teratogenicity: No data available.

STOT-single exposure: No data available.

STOT-repeated exposure: No data available.

Aspiration toxicity: No data available.

Components

Acute oral toxicity: Sodium hypochlorite LD50 rat 5,230 mg/kg

Acute inhalation toxicity: Sodium hypochlorite 4 h LC50 rat: > 5.25 mg/l

Acute dermal toxicity: sodium hypochlorite LD50 rabbit: > 10,000 mg/kg

Section 12: Ecological Information

Environmental Effects: This product has no known ecotoxicological effects.

Toxicity to fish: No data available.

Toxicity to daphnia and other aquatic invertebrates: No data available.

Toxicity to algae: No data available

Persistence and degradability: No data available.

Mobility in soil: No data available.

Bioaccumulation: No data available.

Other adverse effects: No data available.

Section 13: Disposal Considerations

Disposal methods: Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations: Dispose of any unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers. Dispose of in accordance with local, state and federal regulations.

Section 14: Transport Information (non-mandatory)

Department of Transportation (DOT)

UN Number: UN 1791
 Description of goods: HYPOCHLORITE SOLUTION
 Class: Class 8
 Packing Group: III
 Hazchem code: 2X
 Environmentally hazardous: no

Sea Transport (IMDG/IMO)

UN Number: UN 1791
 Description of goods: HYPOCHLORITE SOLUTION
 Class: Class 8
 Packing Group: III
 Hazchem code: 2X
 Environmentally hazardous: no

Section 15: Regulatory Information (non-mandatory)

SARA Section 304 (extremely hazardous substances): This material does not contain any components with a section 304 EHS RQ.

SARA Section 311/312: Skin corrosion or irritation. Serious eye damage and irritation

Sara Section 302: This material does not contain any components within section 302 EHS TPQ

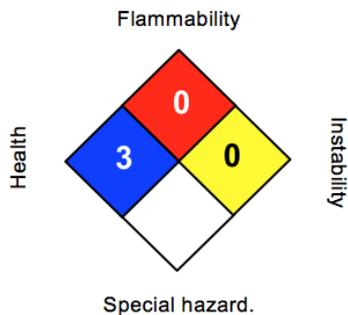
SARA Section 313 (specific toxic chemical listings): This material does not contain any components that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

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

Section 16: Other Information

Revision date: 10/17/2019

NFPA:



HMIS III:

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
 2 = Moderate, 3 = High
 4 = Extreme, * = Chronic