Safety Data Sheet

Section 1 – Identification of the substance/preparation and of the company/undertaking

Identification of the substance or mixture

Product name: Sodium Chloride Anhydrous
Catalog number: 600-082-**
For research use only. Not intended for human or animal diagnostic or therapeutic uses.

Company details

Wisent Inc.
3645 Principale
Saint-Jean-Baptiste, Qc
Canada J0L2B0
Telephone: +1 (450) 446-2660
Toll-free in Canada: 1-888-947-3681
Fax: +1 (450) 446-7038
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Wisent Inc.
PO Box 131
St-Bruno, Qc
Canada, J3V 4P8

Section 2 – Hazards identification

GHS- Classification

Respiratory sensitisation
Not a hazardous substance or mixture
Skin sensitisation
Not a hazardous substance or mixture
Hazard statements
None

Section 3 – Composition/Information on ingredients

Formula: ClNa
Molecular Weight: 58.44 g/mol
CAS no.: 7647-14-5
CE no.: 231-598-3

No components need to be disclosed according to the applicable regulations

Section 4 – First aid measures

Ingestion
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Inhalation
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin contact
Rinse with plenty of soap and water. Consult a physician.
Eye contact
Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling.
Information for doctor
No data available

Section 5 – Firefighting measures

Extinguishing media
Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media
No data available
Special hazards arising from the substance or mixture
Hydrogen chloride gas, Sodium oxides.
Advice for fire-fighters
Wear self-contained breathing apparatus for firefighting if necessary.

Section 6 – Accidental release measures

Personal precaution, protective equipment and emergency procedures
Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas.
Methods and material for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
Environmental precautions
Do not let product enter drains.

Section 7 – Handling and storage

Precaution for safe handling

Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Condition for safe storage, including any incapability

Keep container tightly closed in a dry and well-ventilated place.

Section 8 – Exposure controls/personal protection

Control parameters

Exposure limits

Contains no substances with exposure limit values.

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

General protective and hygienic measures

Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Breathing equipment

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Skin and body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures

General industrial hygiene practice.

Environmental exposure controls

Do not let product enter drains.

Section 9 – Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Solid, white
Odour	No data available

Odour Threshold	No data available
pH	7
Melting point/ freezing point	801°C (1474°F)
Boiling point	1413°C (2575°F)
Flash point	No data available
Auto ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Evaporation rate	No data available
Flammability	No data available
Upper explosion limit	No data available
Lower explosion limit	No data available
Vapour pressure	1.33 hPa at 865°C (1589°F)
Vapour density	No data available
Relative density	2.1650 g/cm ^{3}
Relative vapour density	No data available
Specific gravity	No data available
Water Solubility	358 g/l at 20 °C (68 °F)
Solubility (solvents)	No data available
Partition coefficient	No data available
Explosive properties	No data available
Oxidizing properties	No data available

Section 10 – Stability and reactivity

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No data available

Condition to avoid

No data available

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. Hydrogen chloride gas, Sodium oxides.

Section 11 – Toxicological information

Information on toxicological effects

Acute toxicity

No data available

LC50 Inhalation - Rat - 1 h - > 42 mg/l
Remarks: (RTECS)
LD50 Dermal - Rabbit - > 10,000 mg/kg
Remarks: (RTECS) No data available

Principal Routes of Exposure

Skin corrosion/Irritation

Skin - Rabbit
Remarks: (ECHA)

Sensitization

No data available

STOT - Single Exposure

No data available

STOT - Repeated Exposure

No data available

Carcinogenicity

Did not show carcinogenic effects in animal experiments.
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Mutagenicity

No data available

Reproductive toxicity

Did not show teratogenic effects in animal experiments. No impairment of reproductive performance suspected.

Aspiration hazard

No data available

Section 12 –Ecological information

Ecotoxicity

Toxicity to fish
flow-through test LC50 - Lepomis macrochirus (Bluegill) - 5,840 mg/l - 96 h Remarks: (ECHA)
Toxicity to daphnia and other aquatic invertebrates
static test LC50 - Daphnia magna (Water flea) - 4,136 mg/l - 48 h
Toxicity to algae
static test EC50 - Nitzschia sp. - 2,430 mg/l - 120 h

Persistence and degradability

The methods for determining the biological degradability are not applicable to inorganic substances.

Behaviour in environmental systems

Bioaccumulative potential

No data available

Results of PBT and vPvB assessment PBT/vPvB assessment
Not available as chemical safety assessment not required/not conducted
Other adverse effects
Discharge into the environment must be avoided.

Section 13 – Disposal considerations

Waste treatment methods
Offer surplus and non-recyclable solutions to a licensed disposal company.
Dispose of as unused product.

Section 14 – Transport information

DOT (US)
Not regulated as dangerous
IATA
Not regulated as dangerous
IMDG
Not regulated as dangerous

Section 15 – Regulatory information

WHMIS Classification
This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

Section 16 – Other information

MSDS Date of revision: June 2024

For research use only. Not use for diagnostic procedures.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions