

Product #:333 NAME: IMMUNOSAVER
Material Safety Data Sheet (MSDS),
Issued: JULY 1, 2007

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Section 1.-----Chemical Identification-----

Catalog # 333
Name: IMMUNOSAVER

Section 2.-----Composition/Information on Ingredients-----

Sodium Citraconic Acid in Aqueous Solution
Sodium Citraconic Acid : C₅H₄O₄Na₂
In water solution:
Molecular weight: 174

Section 3.-----Hazards Identification-----

Harmful by inhalation plenty in contact with eyes
Irritating to respiratory system

Section 4.-----First-Aid measures-----

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.
In case of contact, immediately wash skin with soap and copious amount of water.
In inhaled, remove to fresh air. Wash out mouth immediately with plenty of water.
If swallowed, wash out mouth water and drink a cup of water or milk and vomit.
Call a physician.

Section 5.-----Fire Fighting measures-----

Extinguishing media
Water spray, dry chemical powder, bubbles carbon gass, dry sands special
Firefighting procedures
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6.-----Accidental release measures-----

Evacuate area
Shut off all sources of ignition
Wear self-contained breathing apparatus, rubber boots and rubber gloves and protective clothing to prevent contact with skin and eyes.
Sweep up,place in a bag and hold for waste disposal.
Ventilate area and wash spill site after material pick up is complete

Section 7.-----Handling and storage-----

Do not fall down the container and do not drop.
Do not pressure. Do not handle roughly.
Wear appropriate NIOSH/MSHA-approved respirator, chemical resistant gloves, safety goggles, other protective clothing.
Avoid breathing dust.
Do not get in eye, on skin, on clothing.
Wash thoroughly after handling.
Keep tightly closed.
Store in a cool dry place.
(NIOSH: National Institute for Occupational Safety and Health)
(MSHA: Mine Safety and Health Administration)

Section 8.-----Exposure controls/personal protection-----

NIOSH-approved respirator, impervious gloves, safety glasses. NIOSH-approved dust respirator and rubber gloves keep tightly closed.
Use only in a chemical fume hood.
Safety shower and eye bath.

OSHA PEL: N/A
ACGIH TLV(S): N/A

Section 9.-----Physical and chemical properties-----

Liquid
Colorless-Slightly Light yellow
pH 7.4

Section 10.-----Stability and reactivity-----

Stability: Stable
Reactivity: N/A
Light sensitive
Heat sensitive
Hazardous decomposition products: Carbon oxide

Section 11.-----Toxicological information-----

Toxicity: N/A
Carcinogenicity: N/A

Section 12.-----Ecological information-----

Data not available

Section 13.-----Disposal considerations-----

Burn with a soluble solvent in a chemical incinerator equipped with an afterburner and scrubber.
Observe all federal, state, and local environmental regulations.

Section 14.-----Transport information-----

Shipping name: N/A

Hazard class: N/A

Section 15.-----Regulatory information-----

Fire law: N/A

Poisonous & deleterious substance control law: N/A

Industrial safety and health law: N/A

Aircraft law: N/A

Ship law: N/A

Chemical substance control improvement law: N/A

Section 16.-----Additional comments-----

Some of the chemicals listed here in are research or experimental substance.

In accordance with environmental protection agency regulations and the toxic substance control act (TSCA), these materials should only be handled by, or under the direct supervision of a "Technically qualified individual".

The information here in is believed to be accurate and reliable as of the data compiled.

However NISSHIN EM CO., LTD makes no representation warranty or guarantee of any kind with.

Respect to the information on this sheet or any use of the product based on this information.