



SARAYA CO., LTD.
SAFETY DATA SHEET

Product name: Smart San Neutral Detergent N-1

Date written : Jan. 14, 2016

Date revised : —

Preparation Date : Jul. 28, 2016

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name Smart San Neutral Detergent N-1

Supplier **SARAYA CO., LTD.**
 2-2-8 Yuzato, Higashisumiyoshi-ku,
 Osaka, JAPAN 546-0013
 Global Operations Division
 Tel.No. : +81-6-6703-6336
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2. HAZARDS IDENTIFICATION

GHS Classification

Health Hazards

Serious eye damage/eye irritation

Category 2B

GHS label elements

Signal Words

Warning

Hazard statements

Causes eye irritation

Precautionary statement

[Prevention]

Wash the eyes thoroughly after handling.

[Response]

: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 attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance/Preparation	Preparation
Components	Anionic surfactant, Nonionic surfactant, Chelating agent
Chemical or common name	Sodium alkyl ether sulfate ester(including Sodium alkyl sulfate) (CASNo. 161074-78-8, 73296-89-6) < 20% Coconut fatty acid diethanolamide (CASNo. 68603-42-9) < 10%

4. FIRST AID MEASURES



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Skin contact

Wash off the product with water.

Eye contact

Thoroughly flush eyes with plenty of clean water.

Ingestion

Drink plenty of water.

5. FIRE FIGHTING MEASURES

Suitable extinguish media

Powder or Carbon dioxide gas

Instruction

Product itself is non-combustible. If fire does occur because of the surrounding environment, use above-mentioned media.

6. ACCIDENTAL RELEASE MEASURES

Large spills

Collect in a covered container.

Small spills

Wipe small spills with a rag.

7. HANDLING AND STORAGE

Handling

:Wear rubber gloves when people with delicate skin use the product, when using the product for protracted periods of time or when using undiluted product by applying onto sponge.

:After using the product, wash and rinse hands thoroughly with clean water and use a moisturizer (emollient hand-cream).

:Do not soak vegetables and fruits in the diluted solution for more than 5 minutes.

:Rinse dishes and utensils for more than 5 seconds and vegetables and fruits for more than 30 seconds with running water. When rinsing with poured water in the sink, change the water more than two times.

:Do not keep the diluted solution for a long time because it may deteriorate and spoil. Dilute before use.



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Storage

Conditions for safe storage

Keep out of the reach of children

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate engineering control

Not known

Management concentrations

A concentration value for managing the material has not been set.

Control parameter

A control parameter has not been set.

Personal protection

Use personal protective equipment as needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state	Liquid
Color	Clear, Colorless to ivory yellow
Odor	Raw material odor
pH	6-8
Specific gravity(20°C)	1.020

10. STABILITY AND REACTIVITY

Chemical stability

Stable at room temperature.

Possibility of hazardous reactions

Not known

11. TOXICOLOGICAL INFORMATION

Acute toxicity

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Male mouse LD₅₀ 26.0 ml/kg

Skin corrosion/irritation

Not classified (Any clear cases of irritation on human have not been reported except for rough hands.)

Serious eye damage/eye irritation

Category 2B (Although similar goods on the market cause hyperemia and swelling on human eyes, they are rapidly recovered.)

Respiratory sensitization/skin sensitization

Classification not possible

Mutagenicity

Not classified

Carcinogenicity

Not classified

Reproductive toxicity

Not classified

Specific target organ/systemic toxicity following single exposure

Not classified

Specific target organs/systemic toxicity following repeated exposure

Not classified

Aspiration hazard

Classification not possible

Teratogenicity

Classification not possible

Metabolism

Classification not possible

12. ECOLOGICAL INFORMATION



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Ecotoxicity

Not known

Persistence and degradability

Values for 1000 fold dilution of the product :

Total nitrogen 1.7 mg/L

COD 48 mg/L

BOD 190 mg/L

Phosphate : Not detected

13. DISPOSAL CONSIDERATIONS

See section 7, Handling and storage

International regulations

Disposal should be done in accordance with local, state, and national laws.

Waste for residues

:Dispose with a large quantity of water, or burn it a little at a time in an incinerator.

:Entrust disposal product to industrial waste disposal contractor.

Used container

Disposal should be done in accordance with local, state, and national laws.

14. TRANSPORT INFORMATION

See section 7, Handling and storage

UN regulations

UN classification

Not applicable

UN number

Not applicable

:Not applicable as flammable liquids

:Take necessary measures to prevent spillage, leakage, outflow and soakage.

15. REGULATORY INFORMATION



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International regulations

It is the responsibility of the user to know and comply with all relevant rules, regulations and laws in the local, state, national and international level relating to the product being used.

16. OTHER INFORMATION

Reference material

A Guide to implement the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) in Consumer product 1st Edition, edited by Japan Soap and Detergent Association (2010)

Disclaimer

:Any of the above information may be changed without prior notice.

:This document is complete and thorough to the best of our knowledge.

:Note that information is provided in order to use the product safely, not to guarantee the safety of the product.

:Use the product properly according to its specifications.

:As with all chemicals, at the present time there are some unknown facts about the chemicals contained in this product and thus, the product should be handled with care. It is the responsibility of each individual user to set the conditions in which the product can be safely used.