

Impact!

CLEANER SERIES

IMPACT CLEANER PREMIER

Safety Data Sheet (SDS) — GHS Classification Sheet
English Version

PRODUCT COVERED

IMPACT CLEANER PREMIER — heavy-duty alkaline cleaner
for commercial & industrial use

Table of Contents

1.	Identification of the Chemical Product and of the Company	3
2.	Hazards Identification	4
3.	Composition / Information on Ingredients	6
4.	First-Aid Measures	7
5.	Fire-Fighting Measures	8
6.	Accidental Release Measures	8
7.	Exposure Controls / Personal Protection	9
8.	Handling and Storage	10
9.	Physical and Chemical Properties	10
10.	Stability and Reactivity	11
11.	Toxicological Information	11
12.	Ecological Information	12
13.	Disposal Considerations	13
14.	Transport Information	13
15.	Regulatory Information	13
16.	Other Information	13

1. Identification of the Chemical Product and of the Company

Product Identification

Product Name	IMPACT CLEANER PREMIER (Japanese: インパクトクリーナー プレミア)
Product Type / Use	Heavy-duty alkaline cleaner for commercial and industrial use

Company Information

Distributor	PROUP Co., Ltd.
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Contact Persons	Mr. Murata / Mr. Morita

Recommended use: Heavy-duty cleaning of oils, grease, carbonized residues and dirt from equipment, tools and hard surfaces compatible with alkaline cleaners.

Restrictions on use: Do not use on acid-sensitive substrates, aluminium, zinc, or other materials attacked by strong alkalis.

2. Hazards Identification

GHS Classification of the Product

Health Hazards

Hazard Class	Category
Acute toxicity — oral	Category 4
Skin corrosion / irritation	Category 1
Serious eye damage / eye irritation	Category 1
Specific target organ toxicity — single exposure	Category 2
Specific target organ toxicity — repeated exposure	Category 2

Environmental Hazards

Hazard Class	Category
Hazardous to the aquatic environment — short-term (acute)	Category 3
Hazardous to the aquatic environment — long-term (chronic)	Not classified

GHS Label Elements

In principle this product does not fall under the label items listed below; however, in rare cases it may be harmful (individual variation applies).

Hazard pictograms: GHS05 (Corrosion), GHS07 (Exclamation mark), GHS08 (Health hazard).

Signal word: **WARNING**

Product Characteristics and Precautions

Characteristics

This product does **not** contain caustic soda (sodium hydroxide) as used in ordinary ultra-strong alkaline detergents or toxic / deleterious cleaning solutions. As a result — and unlike general alkaline cleaners — the risk of sustained chemical burns that destroy skin tissue on brief skin contact is very low.

Developed with an original concept inspired by the natural "beauty-of-skin" hot springs of Japan, the formulation concentrates and applies the mechanism of alkaline hot-spring components that are safe for the human body. The ingredient balance mildly loosens the outer layer of old keratin on the skin (the "smooth-skin" feel of an alkaline hot spring) while still achieving strong alkaline cleaning performance.

Precautions

- Because the product removes skin oils, prolonged handling or use by persons with sensitive skin may cause dryness, roughness or chapping.
- Persons with sensitive skin are recommended to wear gloves, protective clothing or similar equipment so that the product does not remain in prolonged direct contact with the skin.

Hazard Statements

General alkaline-cleaner hazard information. In principle this product does not fall under the statements listed below; however, in rare cases it may be harmful (individual variation applies).

H301 Toxic if swallowed.

H314 + H318 Causes severe skin burns and eye damage.

H332 + H334 Harmful if inhaled; may cause allergy, asthma symptoms or breathing difficulties if inhaled.

H361 Suspected of damaging fertility or the unborn child.

H371 May cause damage to organs (central nervous system; systemic effects).

H373 May cause damage to organs (blood system, respiratory system) through prolonged or repeated exposure.

H402 + H412 Harmful to aquatic life; harmful to aquatic life with long-lasting effects.

2. Hazards Identification (Precautionary Statements)

Prevention

- **P260 / P261** — Do not breathe dust / fume / gas / mist / vapours / spray; avoid such exposure.
- **P264** — Wash hands and any exposed skin thoroughly after handling.

Response (First Aid)

- **P301 + P330 + P331** — IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- **P303 + P361 + P353** — IF ON SKIN (or hair): remove immediately all contaminated clothing. Rinse skin with water or shower.
- **P305 + P351 + P338** — IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do; continue rinsing.
- **P310** — If symptoms are severe, immediately obtain medical attention (see also Section 4).

Storage

- **P404 + P410** — Store in a closed container. Protect from sunlight.

Disposal

- **P501** — Dispose of contents and container at an approved waste-disposal facility. Discharge shall comply with applicable wastewater regulations.

Precautions for Use

Refer to this Safety Data Sheet (SDS).

3. Composition / Information on Ingredients

Substance / mixture: Mixture (chemical mixture).

Component (chemical name)	CAS No.	Weight %
Water	7732-18-5	90
Non-ionic surfactant	Not disclosed (trade secret)	Not disclosed
Anionic surfactant (linear alkylbenzene sulfonate and its salts — see Section 15)	Not disclosed (trade secret)	0.8
Sodium metasilicate	1344-09-8	Not disclosed
Isopropyl alcohol (2-propanol)	67-63-0	2.1

The English chemical names shown are the IUPAC / commonly accepted names corresponding to each CAS registry number.

4. First-Aid Measures

In principle this product does not fall under the first-aid items listed below; however, in rare cases it may be harmful (individual variation applies).

Inhalation

- Move the exposed person to a place with fresh air, keep at rest, and obtain medical attention promptly.

Skin Contact

- Wash thoroughly with running water / shower and soap.
- If skin irritation develops, obtain medical attention.

Eye Contact

- Rinse cautiously with water for several minutes.
- If contact lenses are worn and can be removed easily, remove them and continue rinsing.
- If irritation persists, obtain medical attention.

Ingestion

- Do NOT induce vomiting. Rinse the mouth and obtain medical attention immediately.

5. Fire-Fighting Measures

Suitable extinguishing media

Water spray (mist), dry chemical powder, foam, carbon dioxide (CO₂), dry sand, or other appropriate media.

Fire-fighting methods

The product is non-flammable. In the event of a surrounding fire, promptly move the container to a safe location.

6. Accidental Release Measures

In principle this product does not fall under the release-response items listed below; however, in rare cases it may be harmful (individual variation applies).

The product can generally be handled without protective equipment. However, because it removes skin oils, prolonged handling — or use by persons with sensitive skin — may cause dryness, roughness or chapping. Persons with sensitive skin are recommended to wear gloves, protective clothing or similar equipment so that the product does not remain in prolonged direct contact with the skin.

Personal Precautions

- Always wear appropriate personal protective equipment (PPE) during clean-up.
- Work in a well-ventilated area or a location with adequate air circulation.

Environmental Precautions

- Avoid release to the environment.

Methods for Cleaning Up

- Absorb as much of the spill as possible with rags or similar material and recover it.
- If necessary, dilute the residue with a large quantity of water, recover the diluted material, and finally rinse the area with plenty of water.

7. Exposure Controls / Personal Protection

The product can generally be handled without protective equipment. However, because it removes skin oils, prolonged handling — or use by persons with sensitive skin — may cause dryness, roughness or chapping. Persons with sensitive skin are recommended to wear gloves, protective clothing or similar equipment so that the product does not remain in prolonged direct contact with the skin.

Occupational Exposure Limits

Chemical name	CAS No.	JSOH Occupational Exposure Limit (Japan)	ACGIH TLV (U.S.A.)
Isopropyl alcohol (2-propanol)	67-63-0	400 ppm	200 ppm

Engineering Controls

Use appropriate ventilation equipment in the area where the product is handled. Install hand-wash and eye-wash facilities near the workplace.

Personal Protective Equipment

Respiratory protection	Respiratory protective equipment.
Hand protection	Protective gloves.
Eye protection	Safety glasses / protective eyewear.
Skin and body protection	Protective clothing.

Hygiene Measures

- Wash thoroughly any part of the body that has come into contact with the product after handling.
- Do not eat, drink or smoke while handling.
- Remove contaminated clothing and wash it before reuse.

8. Handling and Storage

In principle this product does not fall under the "handling" items listed below; however, in rare cases it may be harmful (individual variation applies).

Precautions

- Because the product removes skin oils, prolonged handling or use by persons with sensitive skin may cause dryness, roughness or chapping.
- Persons with sensitive skin are recommended to wear gloves, protective clothing or similar equipment so that the product does not remain in prolonged direct contact with the skin.

Handling

Technical measures

Avoid inhalation and skin contact and do not allow the product to enter the eyes; wear appropriate personal protective equipment. Handle in a well-ventilated area. Install hand-wash and eye-wash facilities near the point of handling.

Precautions

Handle in a well-ventilated place. Avoid contact with the skin and eyes.

Safe handling advice

Wash hands thoroughly after handling. Wear appropriate PPE.

Storage

Safe storage conditions

Store in a tightly closed container in a well-ventilated place. Protect from direct sunlight, keep away from heat and ignition sources, and do NOT allow to freeze. (Shelf life: up to 3 years.)

9. Physical and Chemical Properties

Physical state	Liquid
Colour	Colourless
Odour	Pungent (irritating)
pH	13.5 ± 0.5
Boiling point	100 °C
Flash point	None
Specific gravity	1.0
Vapour pressure	Approximately the same as water
Vapour density	Approximately the same as water
Evaporation rate	Approximately 1.0 (relative)
Solubility in water	Completely miscible with water

10. Stability and Reactivity

Stable under the normal conditions of storage and handling that can reasonably be anticipated. **Reacts vigorously with acidic substances, generating heat.**

11. Toxicological Information

In principle this product does not fall under the toxicological items listed below; however, in rare cases it may be harmful (individual variation applies).

Acute toxicity — oral	Category 4
Skin corrosion / irritation	Category 1
Serious eye damage / eye irritation	Category 1
Reproductive toxicity	Category 2
Specific target organ toxicity — single exposure	Category 2
Specific target organ toxicity — repeated exposure	Category 2

12. Ecological Information

Hazardous to the aquatic environment Not classifiable due to lack of data.
— long-term (chronic)

Toxicity and Biodegradability Test Results

Test	Dose / concentration	Duration	Result
Acute oral toxicity (mice, ingestion)	2,000 mg/L	14 days	No abnormalities observed
Acute fish toxicity (Japanese medaka — <i>Oryzias latipes</i>)	10,000 mg/L	96 h (exposure test)	No abnormal behaviour or appearance observed
Biodegradability (soil / water microorganisms as inoculum)	2,000 mg/L	14 days (DOC method)	Readily biodegradable — average ≥ 84 %

Analytical Results for Hazardous Substances

Test item	Result	Value
Potassium hydroxide or sodium hydroxide	Pass	≤ 0.5 mL
Tetrachloroethylene	Pass	Not detected
Trichloroethylene	Pass	Not detected
Arsenic	Pass	—
Heavy metals	Pass	—
Methanol	Pass	—
Colourants / dyes	Pass	Not detected
Cadmium	Pass	Not detected
Total chromium	Pass	Not detected
Cyanide	Pass	Not detected
PCB (polychlorinated biphenyls)	Pass	Not detected

13. Disposal Considerations

- Dispose of the product in accordance with all applicable national, regional and local laws and regulations.

14. Transport Information

International regulations

Not applicable.

Precautions

Confirm that there is no container leakage. Load in a manner that prevents tipping, dropping or damage, and ensure that the load is securely fastened to prevent shifting.

15. Regulatory Information

Applicable Japanese Laws and Regulations

- **Act on the Assessment of Releases of Specified Chemical Substances in the Environment and the Promotion of Management Improvement (Kagakan-Ho / PRTR & SDS Act)** — Designated chemical substance: linear alkylbenzene sulfonate (LAS) and its salts.
- **Industrial Safety and Health Act (Japan)** — Substance subject to notification under Article 57-2: isopropyl alcohol.
- **Poisonous and Deleterious Substances Control Act** — Not applicable.
- **Fire Service Act** — Not applicable.
- **PRTR Act (Pollutant Release and Transfer Register Act)** — Not applicable.

16. Other Information

References

NITE (National Institute of Technology and Evaluation, Japan).

Remarks / Disclaimer

- This SDS has been prepared in accordance with JIS Z 7253:2019.
- The information contained herein is intended for normal handling of the product. If the product is combined or mixed with other substances, take appropriate safety measures before use.
- This document has been prepared based on the most recent information available as of the revision date. However, changes in laws and regulations, and new findings, may affect the hazard classification.
- When using the product, take every reasonable measure to ensure safety and to avoid exposure.

U.S. Federal Regulations

- **OSHA Hazard Communication Standard:** This product is classified as a non-hazardous product in accordance with OSHA 29 CFR 1910.1200.
- **OSHA Process Safety Management (PSM) Standard:** This product is not regulated under the OSHA PSM Standard, 29 CFR 1910.119.

- **EPA Risk Management Planning (RMP) Standard:** This product is not regulated under the EPA RMP Standard, 40 CFR Part 68.
- **EPA Federal Insecticide, Fungicide and Rodenticide Act (FIFRA):** This product is not registered as a pesticide under FIFRA, 40 CFR Part 150.
- **TSCA Status:** The components of this product are listed on the Toxic Substances Control Act (TSCA) inventory.
- **Superfund Amendments and Reauthorization Act (SARA)**
 - *SARA 313 Information:* The substances in this product do not exceed the de-minimis threshold values specified under Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986.
 - *SARA Section 311/312 Hazard Categories:* Serious health hazard.
 - *SARA 302/304 Extremely Hazardous Substances:* The components of this product comply with the requirements of SARA Title III.
 - *SARA 302/304 Emergency Planning & Notification:* None of the substances in this product fall under the requirements of SARA Title III.
- **Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):** The components of this product do not exceed the de-minimis threshold values for hazardous wastes defined under CERCLA.
- **Clean Air Act (CAA):** This product does not contain any substance designated as a Hazardous Air Pollutant (HAP) under CAA Section 112(b). This product does not contain Class 1 ozone-depleting substances, nor Class 2 ozone-depleting substances.
- **Clean Water Act (CWA):** The substances in this product do not contain any hazardous substances defined under CWA. The substances in this product do not contain any priority pollutants defined under CWA. The substances in this product do not contain any toxic pollutants defined under CWA.

U.S. State Regulations

California Proposition 65, Safe Drinking Water and Toxic Enforcement Act of 1986: This product does not contain any substance known to the State of California to cause cancer or reproductive harm.

Canadian Regulations

- **Canadian Controlled Products Regulations (CPR):** This product is classified according to the hazard criteria of the CPR, and this SDS contains the information required by the CPR.
- **Canadian Ingredient Disclosure List (IDL):** Isopropyl alcohol (67-63-0); sodium metasilicate (1344-09-8).
- **Canadian National Pollutant Release Inventory (NPRI):** This product does not contain any chemical substance registered on the NPRI.

Global Chemical Inventory Lists

Country / Region	Inventory Name	Listed *
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
Europe	Inventory of New and Existing Chemicals (EINECS)	Yes
United States	Toxic Substances Control Act (TSCA)	Yes
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
New Zealand	New Zealand Inventory of Chemicals (NZIoC)	Yes

China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Japan	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (ENCS)	Yes
Korea	Existing Chemicals List of Korea (ECL)	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes

* **"Yes"** — indicates that the components of this product comply with the requirements of the respective country's inventory list.

* **"No"** — indicates that one or more of the components of this product are not listed on, and are therefore outside, the respective country's inventory list.

End of Safety Data Sheet.
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