



SAFETY DATA SHEET

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|-----------------|------------------------------------|-----------------------|-------------------|
| Product: | AMRI CAIRAN PENCUCI PAKAIAN | Date of Issue: | 25/10/2024 |
| Use: | Liquid Detergent | Issue no: | 1 |

SECTION 1 – PRODUCT IDENTIFICATION

| | |
|-------------------------------------|---|
| Product name | : AMRI Cairan Pencuci Pakaian |
| Product description | : Detergent for washing clothes |
| Recommended use | : Laundry detergent |
| Physical form | : Liquid |
| Product dilution information | : 1 – 3% |
| Supplier's details | : PT. Anugrah Multi Ragam Indonesia |
| Address | : Jl. Mredo Kulon No.49, Gatak, Bangunharjo, Sewon, Bantul, DI Yogyakarta 55185 |

SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

Product AS SOLD

Eye irritation : Category 2B

Product AT USE DILUTION

Not a hazardous substance or mixture

GHS label elements

Product AS SOLD

Hazard pictograms :



Signal word :

Warning

Hazard statement :

Causes eye irritation

Precautionary statements :

Prevention:

Wash hands thoroughly after handling.

Response:

IF IN EYES: Rinse thoroughly with water for several minutes. Remove contact lenses if easy to do, and continue rinsing. Seek medical advice if irritation persists.

Product AT USE DILUTION

Hazard statements :

not hazardous substance or mixture

Precautionary statements : **Prevention:**
Wash hands thoroughly after handling.
Response:
Get medical advice/attention if you feel unwell.
Storage:
Store in accordance with local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Product AS SOLD

Pure substance / mixture : Mixture

| Chemical name | CAS number | Concentration (%) |
|--|------------|-------------------|
| Sodium salt of [alkyl(C=10-16) ether of alpha-hydro-omega-(sulfooxy)poly(oxyethylene)] | 68585-34-2 | 7 - 10 |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., inner salts | 68603-42-9 | <1 |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment.

Product AT USE DILUTION

Not hazardous ingredients

SECTION 4 – FIRST AID MEASURES

In case of eye contact : Rinse with plenty of water.
In case of skin contact : Rinse with plenty of water.
If swallowed : Rinse mouth. Get medical attention if symptoms occur.
If inhaled : Get medical attention if symptoms occur.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media : The product is non-flammable. In case of fire, use alcohol-resistant foam, carbon dioxide, dry powder, or a water mist. Select a fire-extinguishing method appropriate for the surrounding materials.
Unsuitable extinguishing media : Avoid using a water jet for extinguishing, as it can cause the fire to spread.

Special hazard arising from the substance or mixture

Specific hazards : When exposed to heat, containers may burst or explode due to excessive pressure buildup.
Hazardous combustion products : Decomposition or combustion from heat may release harmful gases or vapors.

Advice for firefighters

Protective actions during firefighting : Avoid inhaling gases or vapors from the fire. Evacuate the area and, if safe, cool heated containers with water spray and move them away from the fire. Continue cooling until the fire is completely extinguished. If a leak hasn't ignited, use water spray to disperse vapors and shield personnel managing the leak. Contain any runoff to prevent it from entering sewers or waterways, and inform authorities if there's a pollution risk.

Special protective for firefighter : Firefighters should wear suitable protective gear and a Self-Contained Breathing Apparatus (SCBA) with a full face mask, operating in positive pressure mode.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

For non-emergency personal : Avoid taking any action that involves personal risk or requires specific training. Evacuate nearby areas, keeping unnecessary and unprotected people away. Avoid contact with the spilled material and wear appropriate protective equipment.

For emergency responders : If special protective clothing is needed, refer to Section 8 for suitable materials.

Environmental precautions : Prevent spilled material from spreading or contaminating soil, waterways, drains, and sewers. Notify authorities if the spill causes environmental pollution.

Personal precautions, protective equipment and emergency procedures

Small spill : Stop the leak if safe to do so and move containers from the spill area. For water-soluble spills, dilute with water and mop up; for water-insoluble spills, absorb with an inert dry material and place in a suitable disposal container. Dispose of through a licensed waste contractor.

Large spill : Stop the leak if safe and approach from upwind. Prevent spills from entering sewers, waterways, or confined spaces. Direct spill to an effluent treatment facility or contain with noncombustible absorbents like sand, earth, or vermiculite. Dispose of through a licensed waste contractor, as contaminated absorbent materials may retain the same hazards as the spilled substance.

SECTION 7 – HANDLING AND STORAGE

Protective measures : Wear the necessary personal protective equipment (refer to Section 8). Avoid contact with eyes, skin, and clothing, and do not inhale vapor or mist. Do not ingest the product. Store in its original container or an approved alternative that is compatible, ensuring it remains tightly closed when not in use. Empty containers may retain residues and pose hazards—do not reuse them.

- Advice on general occupational hygiene : Prohibit eating, drinking, and smoking in areas where this material is handled, stored, or processed. Workers should wash hands and face before engaging in these activities and remove contaminated clothing and equipment before entering break areas..
- Conditions for safe storage, including any incompatibilities : Store according to local regulations in a dry, cool, well-ventilated area, away from incompatible substances, food, and drink, and keep out of direct sunlight. Ensure the container is securely sealed and upright to prevent leaks. Do not store in unlabeled containers, and use proper containment to prevent environmental contamination.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters

- Appropriate engineering controls : If user activities produce dust, fumes, gas, vapor, or mist, utilize process enclosures, local exhaust ventilation, or other engineering controls.
- Environmental exposure controls : Emissions from ventilation or equipment should be monitored to ensure compliance with environmental protection regulations. In certain situations, fume scrubbers, filters, or modifications to the equipment may be required.

Individual protection measures

- Hand protection : Wear chemical-resistant, impermeable gloves that meet approved standards whenever handling chemical products, if a risk assessment deems it necessary.
- Eye / face protection : Use safety eyewear that meets approved standards to prevent exposure to liquid splashes, mists, gases, or dusts, as determined by a risk assessment. If contact is possible, wear chemical splash goggles unless higher protection is needed.
- Skin and body protection : Select body protective equipment based on the specific task and associated risks, with specialist approval before handling the product.
- Hygiene measures : Thoroughly wash hands, forearms, and face after handling chemicals, before eating, smoking, using the restroom, and at the end of the work period. Use suitable methods to remove any contaminated clothing, washing it before reuse. Ensure that eyewash stations and safety showers are near the work area.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---------------------|---------------------|------------------------|--------------------------|
| Physical state | : Liquid | Boiling point | : 100 °C (approximately) |
| Color | : Clear, light blue | Melting/freezing point | : No data available |
| Odour | : Fresh scent | Flash point | : Not-flammable |
| Solubility in water | : Water soluble | Relative density | : 1035 Kg/m ³ |
| pH | : 7-8 (100%) | Viscosity, kinematic | : 1380 mPa.s |

SECTION 10 – STABILITY AND REACTIVITY

The product is stable, no dangerous reactions known.

SECTION 11 – TOXICOLOGICAL INFORMATION

Dishwashing liquid has a low level of toxicity. While it may cause irritation, it is unlikely to be corrosive. It is considered to have emetic properties.

| | |
|--------------|---|
| Foam readily | : aspiration of foam into lungs is possible. |
| Eye | : can cause mild irritation |
| Skin | : unlikely to be irritant to skin in normal use |
| Inhalation | : may cause mild irritation especially when exposed for a long time |

In cases of large ingestion, address symptoms as they arise.

SECTION 12 – ECOLOGY INFORMATION

Ecotoxicity

Product AS SOLD

Environmental effects : Harmful to aquatic life with prolonged effects and toxic to aquatic organisms.

Product AS DILUTION

Environmental effects : This product has no known ecotoxicological effects.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste generation should be avoided or minimized as much as possible. Disposal of this product, its solutions, and any by-products must comply with environmental protection laws and local regulations. Use a licensed waste disposal contractor for non-recyclable products, and only dispose of waste into the sewer if it meets all authority requirements. Recycle packaging when possible; incineration or landfill should only be a last resort. Dispose of the material and its container safely, as empty containers may still contain residues. Prevent spills from reaching soil, waterways, or drains.

SECTION 14 – TRANSPORT INFORMATION

Product AS SOLD

The shipper, consignor, or sender must ensure that packaging, labeling, and markings meet the requirements of the chosen mode of transport.

Land transport

Not dangerous goods

Sea transport

Not dangerous goods

SECTION 15 – REGULATORY INFORMATION

EPCRA – Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Serious eye damage or eye irritation

SARA 302 : This material does not contain any components with a section 302 EHS TPQ.

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

United States TSCA Inventory :

All substances listed as active on the TSCA inventory

Australia. Australian Industrial Chemicals Introduction Scheme (AICIS) :

On the inventory, or in compliance with the inventory

Japan. Existing and New Chemical Substances Inventory (ENCS) :

On the inventory, or in compliance with the inventory

Korea. Korean Existing Chemicals Inventory (KECI) :

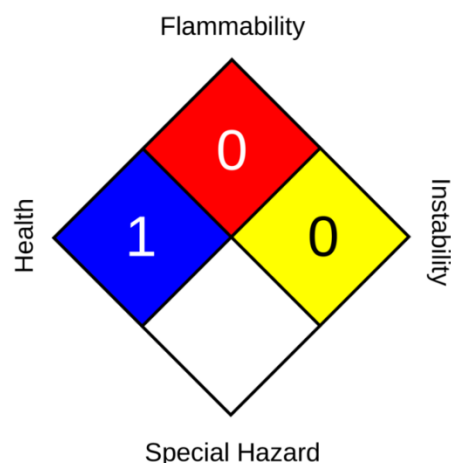
On the inventory, or in compliance with the inventory

China. Inventory of Existing Chemical Substances in China (IECSC) :

On the inventory, or in compliance with the inventory

SECTION 16 – OTHER INFORMATION**Product AS SOLD**

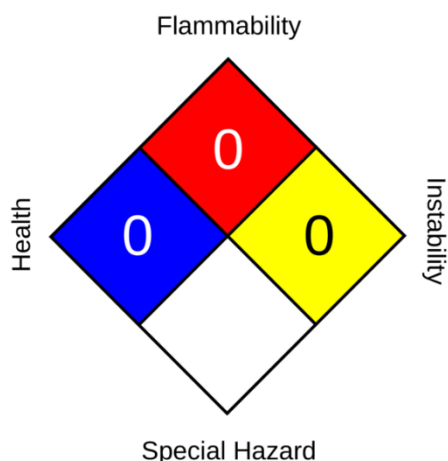
NFPA:



HMIS III:

| | |
|------------------------|----------|
| HEALTH | 1 |
| FLAMMABILITY | 0 |
| PHYSICAL HAZARD | 0 |

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

Product AT USE DILUTION**NFPA:****HMIS III:**

| | |
|------------------------|----------|
| HEALTH | 0 |
| FLAMMABILITY | 0 |
| PHYSICAL HAZARD | 0 |

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

History

Issuing date : 25/10/2024
Date of previous issue : 00/00/0000
Version : 1.0
Prepared by : Regulatory Affairs

Health effects from exposure

The health effects from exposure to this product depend on several factors, including frequency and duration of use, quantity used, effectiveness of control measures, protective equipment employed, and method of application. Since it is impractical to prepare a report that encompasses all possible scenarios, users are expected to assess risks and implement appropriate control methods.

Personal protective equipment guidelines

The recommendations for personal protective equipment in this report are provided as a guideline only. Factors such as the method of application, working environment, quantity used, product concentration, and availability of engineering controls should be considered before making the final selection of personal protective equipment.

Report status

The information in this safety data sheet is accurate to the best of our knowledge as of the issue date and applies when the product is used as directed. It does not imply that the substance is hazardous if handled according to safety guidelines. This data is solely for occupational safety and health purposes. PT Anugrah Multi Ragam Indonesia assumes no responsibility for injuries or property damage resulting from misuse of the product.