

MATERIAL SAFETY DATA SHEET

Stripping Buffer for Western

FILE NO.: SDS-0095-AP

MSDS DATE: 2020/04/01

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Stripping Buffer for Western
PRODUCT CODES: BW-6010

MANUFACTURER: intégrale Co., Ltd.
ADDRESS: 124-4 Itayashima-Aza-Akinokami, Setocho, Naruto 771-0360 Japan

EMERGENCY PHONE: +81-88-683-7211

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SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	EINECS-No.	Weight percent
Anionic Surfactant	-	-	<2.0
glycine	56-40-6	200-272-2	<2.0

We recommend handling all chemicals with caution.

SECTION 3: HAZARDS IDENTIFICATION

GHS - Classification

SIGNAL WORD

Warning



HEALTH HAZARD not hazardous

PHYSICAL HAZARDS not hazardous

PRINCIPLE ROUTES OF EXPOSURE/POTENTIAL HEALTH EFFECTS

Eyes May cause eye irritation with susceptible persons
Skin May cause skin irritation in susceptible persons.
Inhalation May be harmful by inhalation.
Ingestion May be harmful if swallowed.

SPECIFIC EFFECTS

Carcinogenic effects none
Mutagenic effects none
Reproductive toxicity none
Sensitisation none
Target Organ Effects No known effects under normal use conditions

SECTION 4: FIRST AID MEASURES

EYES:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

SKIN:

Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops.

INGESTION:

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

INHALATION:

Remove to fresh air. Get medical attention for any breathing difficulty.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

MATERIAL SAFETY DATA SHEET

Stripping Buffer for Western

FILE NO.: SDS-0095-AP
MSDS DATE: 2020/04/01

EXTINGUISHING MEDIA:

Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear self-contained breathing apparatus and protective suit.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Use personal protective equipment

METHODS FOR CLEANING UP:

Soak up with inert absorbent material.

ENVIRONMENTAL PRECAUTIONS:

Prevent further leakage or spillage if safe to do so. See Section 12 for additional information.

SECTION 7: HANDLING AND STORAGE

HANDLING:

Avoid contact with skin, eyes and clothing. Wear personal protective equipment.

STORAGE:

Keep in a dry, cool and well-ventilated place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:

We are not aware of any national exposure limit.

ENGINEERING MEASURES:

Ensure adequate ventilation, especially in confined areas.

PERSONAL PROTECTIVE EQUIPMENT:

Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

RESPIRATORY PROTECTION:

In case of insufficient ventilation wear suitable respiratory equipment.

EYE PROTECTION:

Safety glasses with side-shields.

SKIN PROTECTION:

Lightweight protective clothing.

ENVIRONMENTAL EXPOSURE CONTROLS:

Prevent product from entering drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

liquid.

ODOR: No information available

pH AS SUPPLIED: 2-3

BOILING POINT: No data available

MELTING POINT: No data available

FREEZING POINT: No data available

VAPOR PRESSURE (mmHg): No data available

VAPOR DENSITY (AIR = 1): No information available

SPECIFIC GRAVITY (H₂O = 1): No information available

SECTION 10: STABILITY AND REACTIVITY

STABILITY:

MATERIAL SAFETY DATA SHEET

FILE NO.: SDS-0095-AP
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Stable under recommended storage conditions.

CONDITIONS TO AVOID (STABILITY):

Heat, flames, ignition sources and incompatibles.

INCOMPATIBILITY (MATERIAL TO AVOID):

Acid chlorides, Phosphorus halides, strong oxidizing agents, strong acids, strong reducing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

Carbon monoxide, Carbon dioxide, Sulfur dioxides.

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LD50 (inhalation, rat/mouse)
Anionic surfactant	No data available	No data available	No data available
glycine	7930mg/kg (Rat)	No data available	No data available

PRINCIPLE ROUTES OF EXPOSURE/POTENTIAL HEALTH EFFECTS

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Skin May cause skin irritation in susceptible persons.
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Ingestion May be harmful if swallowed.

SPECIFIC EFFECTS

Carcinogenic effects none
Mutagenic effects none
Reproductive toxicity none
Sensitisation none
Target Organ Effects No known effects under normal use conditions

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity effects : No information available

Mobility : No information available

Biodegradation : No information available

Bioaccumulation : No information available

SECTION 13: DISPOSAL CONSIDERATIONS

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

IATA

Proper shipping name : Corrosive liquid, acidic, inorganic, n.o.s. (Contains Hydrochloric Acid <1.0 %)

Hazard class: 8

Subsidiary Class : None

Packing group : III

UN-No : 3264

SECTION 15: REGULATORY INFORMATION

International Inventories

Chemical Name	EINECS	ELINCS	ENCS	PICCS	TSCA
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MATERIAL SAFETY DATA SHEET

Stripping Buffer for Western

FILE NO.: SDS-0095-AP

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Anionic surfactant	-	-	-	-	-
glycine	Listed	Listed	Listed	Listed	Listed

Chemical Name	China	AICS	KECL	DSL	NDSL
Anionic surfactant	-	-	-	-	-
glycine	Listed	Listed	Listed	Listed	Listed

SECTION 16: OTHER INFORMATION

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PUPOSE.

End of Safety Data Sheet