
SAFETY DATA SHEET

1.CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME hs-CRP Calibrator

MANUFACTURE`S NAME UMA Co.,Ltd.

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2.COMPOSITION / INFORMATION ON INGREDIENTS

<u>No.</u>	<u>CAS REG NO.</u>	<u>WEIGHT (%)</u>
1 Buffered Saline	-	-
2 Human serum	-	trade secret
3 Sodium azide	26628-22-8	<0.1

3. HAZARD IDENTIFICATION

May be harmful if inhaled and ingested.

May cause eye and skin irritation.

4. FIRST AID MEASURES

INHALATION

Move subject to fresh air.

EYE CONTACT

Flush eyes with a large amount of water for at least 15 minutes.

Consult a physician if irritation persists.

SKIN CONTACT

Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.

INGESTION

If swallowed, give 2 glasses of water to drink. Consult a physician.

Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Carbon dioxide, dry chemical powder, foam, water

FIRE & EXPLOSION HAZARDS

Toxic, irritating fumes or smoke may be emitted.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Firemen should wear normal protective equipment(full bunker gear)and positive-pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Remove ignition sources and ventilate area. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes.

ENVIRONMENTAL PRECAUTIONS

Prevent spills from entering sewers, watercourses or low areas.

METHODS FOR CLEAN UP

Do not touch spilled material without suitable protection(See section 8). Take up spilled material with ashes or other absorbents. After material is completely picked up, wash the spill site with soap and water and ventilate the area. Put all wastes in a plastic bag for disposal and seal it tightly. Remove, clean, or dispose of contaminated clothing.

7. STORAGE AND HANDLING

HANDLING

Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Handle material with suitable protection.

STORAGE

Store away from sunlight in a cool(2-10 °C= 35.6-50 °F) well-ventilated dry place. Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES

Use exhaust ventilation to keep airborne concentrations below exposure limits. Use only with adequate ventilation.

VENTILATION

Local Exhaust ; Necessary, Mechanical(General) ; Recommended

CONTROL PARAMETER

OSHA Final Limits :	None established
ACGIH TLV(s) :	None established

PERSONAL PROTECTION

Respiratory protection :	NIOSH/MSHA approved respirator
Hand protection :	Chemical resistant gloves
Eye protection :	Safety glasses(goggles)
Skin protection :	Protective clothing

9. TYPICAL PHYSICAL PROPERTIES

APPEARANCE :	Pale yellowish liquid
ODOR :	Odorless
pH :	Not available
BOILING POINT :	Not available
MELTING POINT :	Not available
FLASH POINT :	Not available

DECOMPOSITION TEMP.: Not available
EXPLOSIVE LIMITS : Not available
VAPOR PRESSURE : Not available
SPECIFIC GRAVITY : 1.01
SOLUBILITY IN WATER : Miscible
log Po/w : Not available

10. STABILITY AND REACTIVITY

CONDITION TO AVOID

Sunlight, heat

INCOMPATIBILITY(MATERIAL TO AVOID)

Oxidizers, strong alkalis, water-reactive materials(alkali metals etc.)

HAZARDOUS DECOMPOSITION PRODUCTS

Not available

HAZARDOUS POLYMERIZATION

Will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY DATA :	Not available as the mixture
IRRITATION DATA :	Not available as the mixture
MUTATION DATA :	Not available as the mixture
REPRODUCTIVE EFFECTS DATA :	Not available as the mixture
TUMORIGENIC DATA :	Not available as the mixture

12. DISPOSAL CONSIDERATIONS

Procedure

Sodium azide may react with copper or lead plumbing to form explosive compounds. Even though the reagents contain minute quantities of sodium azide, drains should be well flushed with large amount of water when discarding the reagents. Incinerate and dispose of waste in accordance with all applicable regulations. Any disposal practice must be in compliance with country, local, state, and federal laws and regulations(contact country, local or state environmental agency for specific rules).

13. TRANSPORTATION CLASSIFICATION

IATA :	Not Restricted.
DOT:	Not a Hazardous Material for DOT shipping.

14. REGULATORY INFORMATION

US REGULATIONS

EPA :	CERCLA RQ=	Not listed
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EPCRA TPQ=	Not listed
OSHA : TQ=	Not listed

EU REGULATIONS

SYMBOL :	-----
R-phrases :	-----
S-phrases :	-----
EC index No. :	Not listed

15. OTHER INFORMATION

No specific notes