
SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **RP-305 HP3-R PART A**

Product Code: **850025 750025**
 850394 750394

Manufacturer: FUJIFILM HUNT CHEMICALS SINGAPORE PTE. LTD.
 Co. Reg. No. 198901418E
 15 Tuas Ave 7 Singapore 639270
 Tel: (65) 6862 2116 Fax: (65) 6861 4829

Distributor:

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients (Mixture)

<u>Component</u>	<u>CAS No.</u>	<u>%by Weight</u>	<u>ACGIH TLV</u>
Sodium Bisulfite	7631-90-5	5 - 10	NE
Ammonium Thiosulfate	7783-18-8	40 - 60	NE
Water	7732-18-5	30 - 50	NE

SECTION 3 - HAZARDS IDENTIFICATION

Hazard Symbols:

Hazard Designation: Not classified

SECTION 6- ACCIDENTAL RELEASE MEASURES

Small Spills: Spills should be contained by, and covered with suitable absorbent material and removed for disposal

Large Spills: Prevent from entering into soil, waterways and groundwater

SECTION 7- HANDLING / STORAGE

Handling: Avoid contact with skin and eyes.
Use only in well ventilated area.
Wear suitable protective clothing, gloves and eye/face protection.

Storage: Keep out of reach of children.

SECTION 8- EXPOSURE CONTROL AND PERSONAL PROTECTION

Ventilation: Good general ventilation should be sufficient for most conditions.

Personal Protective Equipment:

Eye Protection: Chemical safety goggles.

Skin Protection: Neoprene gloves and apron.

Respiratory Protection: Required on all inadequately ventilated work stations.

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid

Colour: pale yellow

Odour: slightly ammoniacal

Flammable Properties

Flash Point: N/Av
Not flammable

Autoignition Temperature: N/Av
not flammable

Explosion Limits: Lower: N/Av vol.%
Upper: N/Av vol.%

Change in Physical State Boiling Point >100°C
Melting Point N/Av

Specific Gravity: 1.329

Vapour Pressure: N/Av

Viscosity: N/Av
like water

Solubility in water completely soluble

pH-value: 5.40

SECTION 10 - STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products:

Materials and Conditions to avoid: Keep away from excess heat. Avoid contact with strong oxidizers, strong acids and strong bases.

Further Information: None.

SECTION 11 - TOXICOLOGICAL INFORMATION

Product Information:

AcuteOral (The oral LD50): 3558mg/kg
 Test Animal: Rat (Slc:Wister)

AcuteDermal (The dermal LD50): N/Av
 Test Animal: -----

Acute Overexposure:

Primary Skin Irritation Index Non-irritating to the skin
 (Primary irritation index)
 Test Animal: -----

Primary Eye Irritation Index Non-irritating to the eyes.
 (Single ocular instillation)
 Test Animal: -----

Further Information: N/Av

Chronic Overexposure: N/Av

Ingredients Information:

<u>Component</u>	<u>CAS No.</u>	<u>Acute Oral LD 50 (mg/kg)</u>	<u>Test Animal</u>
Sodium Bisulfite	7631-90-5	NAv	-
Ammonium Thiosulfate	7783-18-8	2890	Rats

SECTION 12- ECOLOGICAL INFORMATION

Ecotoxicity Data: N/Av

Chemical Fate Data: N/Av

<u>Component</u>	<u>CAS No.</u>	<u>Fish Toxicity</u>	<u>Fish Organism</u>
Sodium Bisulfite	7631-90-5	NAv	-
Ammonium Thiosulfate	7783-18-8	LC50: N/Av	-

SECTION 13- DISPOSAL CONSIDERATION

Disposal Regulations in Singapore:

Dispose off in accordance to the Environmental Public Health (Toxic Industrial Waste) Regulations under the Environmental Pollution Control Act 1999

Disposal Regulations Overseas:

Dispose off in accordance with all applicable local or national regulations

SECTION 14 - TRANSPORT INFORMATION

Marine Transportation

Class:	not classified as dangerous material
UN-No.:	-
IMDG-code page:	-
EMS:	-----
MFAG:	-----
Packing group:	-----
Sea Transport Statement	Material not classified for transport at sea.
Proper shipping Name:	not classified as dangerous material

Air Transportation

Class: not classified as dangerous material
UN-No.: -
Proper Shipping Name: not classified as dangerous material

Subsidiary risk: -----
Labels: -
Packing group: -
Passenger aircraft: N/Av
Cargo aircraft only: N/Av
Further Information: Material not classified for air transport.

SECTION 15 - REGULATORY INFORMATION

Singapore Law

Environmental Public Health Act (Chapter 95) Rev. Ed. 1988
Part III : Disposal and Treatment of Industrial Wastes

The Environmental Pollution Control Act, 1999
Part V: Water Pollution Control
Part VII: Hazardous Substances Control

Water Pollution Control and Drainage Act, (Chapter 348) Rev. Ed. 1983
Part IV: Water Pollution Control
Part V: Sewerage

Workplace Safety and Health Act (Chapter 354A) Rev. Ed. 2007
Part V: General Duties of Persons at Workplaces

Workplace Safety and Health (General Provisions) Regulations 2006
Part IV: Special Provisions Relating to Health, Safety and Welfare
First Schedule: Permissible Exposure Limits of Toxic Substances

SECTION 16 - OTHER INFORMATION

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.