

***SAFETY DATA SHEET******FIRST CHEMICAL LIMITED***

1. PRODUCT AND COMPANY IDENTIFICATION	
Product identifier Product Name: Product UPC	F-5 RINSE 27909-06020 20L/27909-06004 4L
Product Code:	06020 20L / 06004 4L
Recommended Use:	Machine dishwash rinse aid.
Uses Advised Against:	For Industrial and Institutional Use Only.
Manufacturer :	FIRST CHEMICAL LIMITED 83 Torbarrie Rd, Toronto, Ontario, M3L -1G5
Emergency Contact Name :	416-249-8050 / 416-678-3179

2. HAZARDS IDENTIFICATION	
GHS Classification	
Serious Eye Damage / Eye Irritation:	Category 2B
GHS Label Elements	
Signal Word:	Warning
Symbols:	None
Hazard Statements:	Causes eye irritation.
Precautionary Statements:	
Prevention:	Wash hands and any exposed skin thoroughly after handling.
Response:	
Eyes	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses ,if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Specific Treatment:	See SDS Section 4: "FIRST AID MEASURES"
Storage:	Not Applicable
Disposal :	Not Applicable
Hazards Not Otherwise Classified:	Not Applicable

Other information:	<p>May cause skin irritation. May be harmful if swallowed. Inhalation of vapors or mist may cause respiratory irritation. Keep out of reach of children.</p>
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3. INGREDIENTS

Chemical Name	CAS # NO.	Weight-%
Water	7732-18-5	>60%
Polyoxypropylene-polyoxyethylene block copolymer	9003-11-6	1->20%

4. FIRST AID MEASURES

Eye Contact;	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.
Skin Contact:	Wash off immediately with plenty of water for at least 15 minutes. Use mild soap if available. Get medical attention if irritation develops and persists
Inhalation:	Remove to get fresh air. Get medical attention if symptoms occur.
Ingestion:	Rinse mouth with water. Get medical attention if symptoms occur
Note to Physicians:	Treat symptomatically

5. FIRE –FIGHTING MEASURES

Suitable Extinguishing Media:	Product does not support combustion, Use extinguishing agent suitable for type of surrounding fire.
Specific Hazards Arising from the chemical:	Dried product is capable of burning. Combustion products are toxic.
Hazardous Combustion Products:	May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.
Protective Equipment and Precautions for Firefighters:	Wear MSHA/ NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire –exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES	
Personal Precautions:	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
Environmental Precautions:	Do not rinse spill onto the ground, into storm sewers or bodies of water.
Methods for clean-Up:	Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically ,placing in appropriate containers fo disposal. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE	
Advice on Safe Handling:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
Storage Conditions:	Keep containers tightly closed in a dry, cool and well –ventilated place. Keep out of the reach of children. Keep from freezing.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION	
Occupational Exposure Limits:	None established.
Engineering Controls:	If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered. Eyes wash stations and shower facilities areas available
Personal Protective Equipment	
Eyes /Face Protection:	Not required.
Skin and Body Protection:	Not required.
Respiratory Protection:	Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
General Hygiene Considerations:	Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance.

9. PHYSICAL AND CHEMICAL PRORERTIES	
Appearance	Liquid
Color:	Blue
Odor:	Characteristic

F-5 RINSE

PH: value at 25 C	6.0-7.0
Melting Point / Melting range :	Undetermined.
Boiling Point / Boiling Range:	100 C / or 212 F
Flash Point:	Not determined
Evaporation Rate:	<1
Flammability (solid/gas)	N/A
Upper Flammability Limit:	N/A
Lower Flammability Limit:	N/A
Vapor Pressure:	<0.35mmHg (20 C)
Vapor Density:	N/A
Specific Gravity:	1.0125 g/cm ³
Solubility in water:	Soluble in water (25 C)
Decomposition temperature:	Not determined.
Auto igniting:	Product is not self-igniting.
Partition coefficient (n-octanol/ water)	Not determined.
Viscosity :	Not determined.

10. STABILITY AND REACTIVITY

Reactivity	No hazardous reactions if stored and handled as prescribed.
Chemical Stability	The product is stable if store and handled as prescribed.
Possibility of Hazardous Reactions	No hazardous reactions when stored and handled according to instructions. The product is chemically stable.
Conditions to avoid:	Extremes of temperature and direct sunlight.
Incompatible Materials:	Acids ,Alkaline, caustics, halogens, reactive chemicals.
Hazardous Decomposition Products	No hazardous decomposition products if store and handled as prescribed/ indicated.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Eyes, Skin, Ingestion, Inhalation.
Symptoms of Exposure:	
Eye Contact:	Moderate to severe irritation to the eyes.
Skin Contact:	Drying of the skin.
Inhalation:	Nasal, discomfort and coughing.
Ingestion:	Pain, nausea, vomiting and diarrhea.

Immediate, Delayed, Chronic Effects

Product information:	Data not available.
Sensitization:	No known effects.
Target Organs (RE):	None known

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Numerical measures of toxicity	
ATE - Inhalatory, mists (mg/l):	5.6

12. ECOLOGICAL INFORMATION

Ecotoxicity	
Persistence and Degradability:	No information available
Bioaccumulation:	No information available
Other Adverse Effects:	No information available

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes:	Dispose of in accordance with federal, state and local regulations.
Contaminated Packaging:	Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT:	Not Regulated
Proper Shipping Name:	Non-Hazardous Product
Special Provisions :	Shipping descriptions may vary based , quantities, package size, and / or origin and destination.
IMDG :	Not Regulated
Proper Shipping Name:	Non-Hazardous Product.

15. REGULATORY INFORMATION

TSCA STATOUS:	All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of chemical Substances. (section 8(b) Inventory)
SARA 313 :	This product does not contain listed substances above the “ de minimus” level

SARA 311 / 312 Hazard Categories

Acute Health Hazard :	Yes
Chronic Health Hazard:	No
Fire Hazard :	No

Sudden release of pressure hazard:	No
Reactive Hazard:	No

California Proposition 65	This product is not subject to warning requirements under California Proposition 65.
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16. OTHER INFORMATION				
NFPA	Health Hazards : 1	Flammability: 0	Instability : 0	Special: N/A
HMIS	Health Hazards : 1	Flammability: 0	Physical Hazards: 0	

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Prepared by:	Regulatory Affairs

The information provided in this Safety Data Sheet is correct to best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet