

Safety Data Sheet

Section 1. IDENTIFICATION

Product Identifier

Product Name Tub O' Towels® Chrome Wipes

Other means of Identification

Product Code TW40 - CHR

Recommended Use Stainless Steel Treatment Liquid absorbed on to wipe.

Recommended Restrictions None Known.

Manufacturer

Company Name Federal Process Corporation
Address 4520 Richmond Road
Cleveland OH 44128
Telephone 1-800-846-7325

Emergency Telephone Number: Call Chemtrec at 1-800-424-9300

Section 2. HAZARDS IDENTIFICATION

PHYSICAL STATE: Liquid absorbed on to wipe. No free liquid

Classification:

Aspiration hazard	Category 1
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1

Signal Word:

Danger



Hazard Statements:

H304 – May be fatal if swallowed and enters airways.
H319 – Causes serious eye damage/irritation.
H317 – May cause allergic skin sensitization.

Prevention Statement(s) P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
 P264 – Wash thoroughly after handling.
 P272 - Contaminated clothing should not be allowed out of the workplace.
 P280 – Wear protective gloves/protective clothing/eye protection/face protection.

Response: P301+P310 + P331 – IF SWALLOWED: Immediately call a POISON CENTER or physician.
 Do NOT induce vomiting.
 P305 + P351 + P338 – IF IN EYES: Rinse continuously with water for several minutes.
 Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 – If eye irritation persists: Get medical advice/attention.
 P332 + P313 – If skin irritation or rash occurs: Get medical advice/attention.

Disposal: P501 - Dispose of contents/container to an approved waste disposal plant.

Other Hazards: None known.

Unknown Acute Toxicity: None.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
Distillates, hydrotreated light	64742-47-8	50-99
Highly refined white mineral oil	8042-47-5	5-10

Section 4. FIRST AID MEASURES

First Aid Measures:

Eye Contact Rinse thoroughly with plenty of water, for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

Skin Contact If skin irritation occurs, rinse affected area with water. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation Remove to fresh air.

Ingestion Get medical attention immediately. Call poison center or physician. Wash out mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person..

Most Important Symptoms and effects:

Symptoms Direct contact with eyes may cause temporary irritation.

Indication of any Immediate Medical Attention and Special Treatment:

Notes to Physician Treat symptomatically.

Section 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: Do not use water jet.

Specific Hazards Arising from the Chemical:
No specific hazards..

Protective Equipment and Precautions for Firefighters:
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Personal Precautions: Use personal protective equipment as required. Keep unnecessary personnel away.

Methods and Material for Containment and Cleaning Up:

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up: Keep in suitable, closed containers for disposal.

Section 7. HANDLING AND STORAGE

Precautions for Safe Handling:

Advice on Safe Handling: Avoid breathing vapors or mists. Contaminated work-clothing should not be allowed out of

the workplace.

Conditions for Safe Storage, including Any Incompatibilities:

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials: None known.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

No exposure limits noted for ingredient(s).

Appropriate Engineering Controls:

Engineering Controls: Apply technical measures to comply with the occupational exposure limits.

Individual Protection Measures, such as Personal Protective Equipment:

Eye/Face Protection: Avoid contact with eyes.

Skin and Body Protection: No protective equipment is needed under normal use conditions.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State:	Liquid.	Odor:	Light Floral.
Appearance:	Clear liquid.	Odor Threshold:	Not available.
Color:	Water white.		

<u>Property</u>	<u>Values</u>
pH	N/A
Melting Point/Freezing Point	Not determined.
Boiling Point/Boiling Range	Not determined.
Flash Point	>212F (100C).
Evaporation Rate	Not determined.
Flammability (Solid, Gas)	n/a-liquid.

Upper Flammability Limit	Not determined.
Lower Flammability Limit	Not determined.
Vapor Pressure	Not determined.
Vapor Density	Not determined.
Specific Gravity	0.81.
Water Solubility	Insoluble.
Solubility in other Solvents	Not determined.
Partition Coefficient (n-octanol/water)	Not determined.
Auto-ignition Temperature	Not determined.
Decomposition Temperature	Not determined.
Kinematic Viscosity	Not determined.
Explosive Properties	Not determined.
Oxidizing Properties	Not determined

Section 10. STABILITY AND REACTIVITY

<u>Reactivity:</u>	Not reactive under normal conditions.
<u>Chemical Stability:</u>	Stable under recommended storage conditions.
<u>Possibility of Hazardous Reactions:</u>	None under normal processing.
<u>Conditions to Avoid:</u>	Keep out of reach of children.
<u>Incompatible Materials:</u>	None known.
<u>Hazardous Decomposition Products:</u>	None known.

Section 11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure:

Eye Contact:	No known effects..
Skin Contact:	No known effects.
Inhalation:	Avoid breathing vapors or mists.
Ingestion:	Do not taste or swallow.

Component Information:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Distillates, hydrotreated light (CAS 64742-47-8)	>5,000 mg/kg (Rat)	>2,000 mg/kg (Rabbit)	NO DATA
Highly refined white mineral oil (CAS 8042-47-5)	NO DATA	NO DATA	NO DATA

Information on physical, chemical and toxicological effects:

Symptoms: Please section 4 of this SDS for symptoms.

Delayed and Immediate Effects as Well as Chronic Effects From Short and Long Term Exposure:

Sensitization: May cause an allergic skin reaction.

Carcinogenicity: Not classifiable as a human carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Distillates, hydrotreated light (CAS 64742-47-8)	NO DATA	NO DATA	NO DATA	NO DATA
Highly refined white mineral oil (CAS 8042-47-5)	NO DATA	NO DATA	NO DATA	NO DATA

Legend

IARC (International Agency for Research on Cancer).

Group3 IARC components are "not classifiable as human carcinogens".

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Numerical Measures of Toxicity:

Not Determined.

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Distillates, hydrotreated light. (CAS 64742-47-8)	NO DATA	NO DATA	NO DATA	NO DATA
Highly refined white mineral oil. (CAS 8042-47-5)	NO DATA	NO DATA	NO DATA	NO DATA

Persistence/Degradability: Not determined.

Bioaccumulation: Not determined.

Mobility: Not determined.

Other Adverse Effects: Not determined.

Section 13. DISPOSAL CONSIDERATIONS

Waste Treatment Method:

Disposal of Wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14. TRANSPORT INFORMATION

DOT: Not regulated.

IATA: Not regulated.

IMDG: Not regulated.

Section 15. REGULATORY INFORMATION

International Inventories: Not determined.
U.S. Federal Regulations: Not determined.
SARA Title 313: Not applicable.
U.S. State Regulations:
U.S Right-to-Know Regulations: Not listed.

Section 16. OTHER INFORMATION

NFPA:	Health Hazards 0	Flammability 1	Instability 0	Special Hazards None
HMIS	Health Hazards 0	Flammability 1	Instability 0	Special Hazards None

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Tub O' Towels® Chrome Wipes

DISCLAIMER:

The information in this Safety Data Sheet is correct to the 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.