

Safety Data Sheet (SDS)

SDS v1 GHS / OSHA

Section 1.**Product and Company Identification****Product identification****Product Name:** Captain's Fury Final Polish Compound**CAS No:** Mixture**EC No:** Mixture**Molecular Formula:** Not applicable

Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Boat & Auto Detailing**Uses advised against:****Manufacturer/Supplier Information:**

Captain's Fury

850 Cesery Blvd, Unit 3

Jacksonville, FL 32211

Telephone Number: 904-321-9414

Email: hello@captainspreferredproducts.com

Section 2.**Hazards Identification**

According to the Globally Harmonized System (GHS) and OSHA 29 CFR 1910.1200 (HazCom 2012)

GHS Hazard Class

Classified as hazardous due to surfactant, preservative, and sodium hydroxide content.

Contains **AOS 40 (Alpha Olefin Sulfonate, 2–5%)** — may cause eye irritation.Contains **Dantogard (DMDM Hydantoin, <1%)** — may cause skin sensitization, irritation, and eye irritation.Contains **Sodium Hydroxide (<1%)** — may cause serious skin and eye damage in sensitive individuals.**GHS Label Elements****Pictogram(s):** GHS07  , GHS09**Signal word:** *Warning***Hazard Statement(s):**

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H319: Causes serious eye irritation

Page 2 of 12

Safety Data Sheet (SDS)

H400: Very toxic to aquatic life
 H410: Very toxic to aquatic life with long lasting effects

Precautionary Statements

- P264:** Wash hands thoroughly after handling
- P273:** Avoid release to the environment
- P280:** Wear protective gloves/eye protection if handling in bulk
- P302+P352:** IF ON SKIN: Wash with plenty of soap and water
- P333+P313:** If skin irritation or rash occurs: Get medical advice/attention
- P305+P351+P338:** IF IN EYES: Rinse cautiously 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
- P102:** Keep out of reach of children

Other Hazards

Non-flammable under normal conditions.
 Stable at room temperature; no combustion or explosion hazards expected.
 Contains **NP9**, which is restricted under EU REACH Annex XVII (>0.1% not allowed in consumer products).
 May cause localized environmental harm if released in large quantities (aquatic toxicity).

Section 3.	Composition/Information on Ingredients
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Component CAS No. EC No. % w/w

(approx.) Classification (GHS / OSHA)

Water 7732-18-5 231-791-2 40–60% Not classified	Laponite RD12001-26- 2215-277-5 1–2% Not classified
Ideal Hybrid G 9247 Proprietary Proprietary 5–10% Not classified	Ideal Finish Proprietary Proprietary 5–10% Not classified
AME2500 Proprietary Proprietary 1–5% Not classified	Acusol 820 Proprietary Proprietary 2–5%
Not classified AOS 40 (Alpha Olefin Sulfonate) 68439-57-	6– 2–5% Eye Irrit. 2 (H319)
Nonylphenol Ethoxylates (NP9) 9016-45-9 – 2–5% Acute Aquatic 1 (H400), Chronic Aquatic 1 (H410)	
Glycerin 56-81-5 200-289-5 10–15% Not classified (PEL applies to mist)	LOBS (Light Oil Blend) Proprietary Proprietary 3–5% Not classified
Pale Oil Proprietary Proprietary 10–15% Not classified	

Safety Data Sheet (SDS)

Component CAS No. EC No. % w/w

(approx.) Classification (GHS / OSHA)

preservative) 6440-58-0 229-222-8 <1% Skin Irrit. 2 (H315), Eye Irrit. 2 (H319),
Dantogard (DMDM Hydantoin –

Skin Sens. 1 (H317)

Sodium Hydroxide (Caustic

Beads solution) 1310-73-2 215-185-5 <1% Skin Corr. 1A (H314), Eye Dam. 1 (H318) Color (Proprietary) Proprietary Proprietary <1% Not
classified Fragrance (None) – – 0% Not applicable

Section 4.	First Aid Measures
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Description of first aid measures

General advice:

In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

Inhalation:

Move the exposed person to fresh air. Keep at rest in a comfortable position for breathing.
Seek medical attention if symptoms such as coughing, dizziness, or respiratory irritation persist.

Eye contact:

Rinse cautiously with water for at least 15 minutes.
Remove contact lenses if present and easy to do. Continue rinsing.
Seek medical attention if irritation persists.

Skin contact:

Wash with plenty of soap and water.
Remove contaminated clothing and wash before reuse.
If skin irritation or rash develops, seek medical advice/attention.

Ingestion:

Rinse mouth with water. Do NOT induce vomiting.
Never give anything by mouth to an unconscious person.
Seek immediate medical attention if large amounts are ingested.

Most important symptoms/effects, acute and delayed:

- Eyes: Redness, watering, irritation, possible pain.
- Skin: Dryness, redness, irritation; sensitization/rash possible in sensitive individuals (due to preservative).

Ingestion: Nausea, abdominal discomfort, vomiting possible.

Safety Data Sheet (SDS)

SDS v1 GHS / OSHA

- Inhalation: Mild irritation to nose/throat if mist or aerosol is inhaled.

Indication of any immediate medical attention and special treatment needed:

- Treat symptomatically.
- No specific antidote available.
- Supportive care only.

Section 5.	Fire-Fighting measures
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Suitable extinguishing media:

- Use water spray, foam, carbon dioxide (CO₂), or dry chemical to extinguish.

Unsuitable extinguishing media:

- None known.

Specific hazards arising from the product:

- Product is water-based and not flammable under normal conditions.
- In a fire, hazardous decomposition products may be released, including carbon oxides (CO, CO₂) and irritating fumes. • Residual surfactants and oils may contribute to smoke generation.

Protective equipment and precautions for firefighters:

- Firefighters should wear full protective clothing and self-contained breathing apparatus (SCBA).
- Cool containers exposed to fire with water spray.
- Prevent fire-fighting water runoff from entering drains, soil, or waterways.

Section 6.	Accidental Release Measures
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Personal precautions, protective equipment and emergency procedures:

- Avoid contact with eyes and skin.
- Use protective gloves and eye protection during cleanup of bulk spills.
- Ensure adequate ventilation.

Environmental precautions:

- Prevent large quantities from entering drains, surface water, or soil.
- Due to aquatic toxicity of **Nonylphenol Ethoxylates (NP9)**, avoid uncontrolled release into the environment. • Notify relevant authorities if the product causes environmental pollution.

Methods and materials for containment and cleaning up:

- Contain spill with absorbent material (e.g., sand, earth, cloths).
- Collect and place in suitable, labeled containers for disposal in accordance with Section 13.
- Wash contaminated surfaces with water and mild detergent.
- For bulk spills: dike to contain, pump into salvage containers, and dispose via licensed waste contractor.

Safety Data Sheet (SDS)

SDS v1 GHS / OSHA

Section 7.**Handling and Storage****Precautions for safe handling:**

- Handle in accordance with good industrial hygiene and safety practice.
- Avoid contact with eyes and prolonged or repeated contact with skin.
- Do not ingest.
- Do not eat, drink, or smoke while using this product.
- Use in well-ventilated areas.
- Wash hands thoroughly after handling.
- Remove and wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities:

- Store in a cool, dry, and well-ventilated area.
- Keep container tightly closed and upright when not in use.
- Protect from freezing and excessive heat (>40 °C).
- Do not store in direct sunlight.
- Store away from incompatible substances such as strong acids and oxidizing agents.
- Keep out of reach of children and pets.

Specific end use(s):

- Automotive polishing and finishing compound.
- Follow manufacturer's directions for use.

Section 8.**Exposure Controls/Personal Protection****Control parameters – Occupational Exposure Limit Values:**

- **Sodium Hydroxide (NaOH):**
 - OSHA PEL: 2 mg/m³ (ceiling)
 - ACGIH TLV: 2 mg/m³ (ceiling)
- **Glycerin (mist):**
 - OSHA PEL (TWA): 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction)
- No exposure limits established for other components.

Engineering controls:

- Ensure adequate ventilation, especially in enclosed or poorly ventilated areas.
- Provide eyewash stations where bulk product is handled.
- Normal consumer use does not require special engineering controls.

Personal protective equipment (PPE):

• **Eye/face protection:**

Wear safety glasses or splash goggles when handling bulk quantities or if splashing is likely.

• **Skin protection:**

Wear suitable protective gloves (e.g., nitrile or neoprene) during prolonged or repeated contact.

Wash hands thoroughly after handling.

Safety Data Sheet (SDS)

SDS v1 GHS / OSHA

• **Respiratory protection:**

Not required under normal consumer use.

If ventilation is insufficient and mist or aerosol may form during industrial use, wear an approved dust/mist respirator.

• **Body protection:**

No special protective clothing required for normal use.

For large-scale industrial handling, wear protective clothing to prevent repeated skin contact.

Environmental exposure controls:

- Prevent uncontrolled release into the environment.
- Avoid entry into drains, sewers, or waterways, especially in large quantities.
- Dispose of product and packaging according to local regulations (see Section 13).

Section 9.

Physical and Chemical Properties

Information on basic physical and chemical properties

Property Value / Description

Appearance Viscous cream/paste, off-white to beige

Odor Mild, characteristic (no added fragrance)

Odor threshold Not determined

pH (20 °C) ~8.0 – 9.5 (slightly alkaline due to sodium hydroxide content) Melting point / Freezing point ~0 °C
(water-based mixture)

Initial boiling point / boiling range ~100 °C (similar to water)

Flash point Not applicable (non-flammable, water-based product) Evaporation rate Comparable to water

Flammability (solid, gas) Not classified as flammable

Upper/lower flammability or explosive limits Not applicable

Vapor pressure (20 °C) Not determined

Relative vapor density (air = 1) Not determined

Relative density ~1.05 – 1.15 g/cm³

Solubility Partially soluble/dispersible in water

Partition coefficient (n-octanol/water) Not determined

Auto-ignition temperature Not applicable

Decomposition temperature Not determined
Viscosity Medium to high, paste-like consistency
Explosive properties None expected
Oxidizing properties None expected

Safety Data Sheet (SDS)

SDS v1 GHS / OSHA

Section 10

Stability and Reactivity

Reactivity:

- Not reactive under normal conditions of storage and use.

Chemical stability:

- Stable under recommended handling and storage conditions (see Section 7).

Possibility of hazardous reactions:

- No hazardous polymerization expected.
- No dangerous reactions known under normal conditions of use.

Conditions to avoid:

- Avoid extreme heat, freezing, and direct sunlight.
- Avoid contact with incompatible materials.

Incompatible materials:

- Strong acids
- Strong oxidizing agents

Hazardous decomposition products:

- Thermal decomposition may release carbon oxides (CO, CO₂) and traces of irritating fumes.

Section 11

Toxicological Information

Information on toxicological effects

• Acute toxicity (oral, dermal, inhalation):

Not classified for acute toxicity. Mixture not tested as a whole; assessment based on available data for components.

• Skin corrosion/irritation:

Contains **sodium hydroxide (<1%)** and **DMDM Hydantoin (<1%)** which may cause mild to moderate skin irritation (H315).

• **Serious eye damage/irritation:**

Contains **sodium hydroxide (<1%)**, **AOS 40**, and **NP9**, which may cause serious eye irritation (H319).

• **Respiratory or skin sensitization:**

Contains **DMDM Hydantoin (<1%)**, which may cause an allergic skin reaction (H317) in sensitive individuals.

No evidence of respiratory sensitization.

• **Germ cell mutagenicity:**

Not classified; no data available to suggest mutagenic potential.

• **Carcinogenicity:**

Not classified. None of the ingredients are listed by IARC, NTP, or OSHA as carcinogens.

• **Reproductive toxicity:**

Not classified; no data indicating reproductive hazards at product concentrations.

Safety Data Sheet (SDS)

SDS v1 GHS / OSHA

• **STOT – single exposure:**

Not classified. Overexposure may cause temporary irritation of eyes, skin, or respiratory tract.

• **STOT – repeated exposure:**

Not classified. Prolonged/repeated contact may cause mild skin dryness or irritation.

• **Aspiration hazard:**

Not classified. Product has a paste-like consistency and is not expected to present an aspiration hazard.

Likely routes of exposure:

• Eyes: Direct contact may cause irritation, redness, tearing.

• Skin: Prolonged or repeated contact may cause irritation or allergic rash in sensitive individuals.

• Ingestion: May cause nausea, abdominal discomfort, or vomiting.

• Inhalation: Mists/aerosols may cause mild respiratory irritation.

Symptoms related to physical, chemical, and toxicological characteristics:

• Eye irritation (redness, pain, watering)

• Skin irritation or rash (from sensitizers)

• Gastrointestinal upset if swallowed

Other information:

• Product does not contain substances identified as PBT (Persistent, Bioaccumulative, and Toxic) or vPvB (very Persistent, very Bioaccumulative).

Section 12.

Ecological Information

Ecotoxicity:

• The mixture has not been tested as a whole.

• Based on components:

○ **Nonylphenol ethoxylates (NP9, 2–5%)** → very toxic to aquatic life with long lasting effects (H400, H410).

○ **AOS 40 (2–5%)** → may be harmful to aquatic organisms at high concentrations.

- Other components (water, glycerin, oils, polymers) are not expected to pose significant ecotoxic hazards at intended concentrations.

Persistence and degradability:

- Product is partly biodegradable.
- NP9 degrades slowly and can form environmentally persistent metabolites.
- Other organic components (glycerin, surfactants, oils) are biodegradable.

Bioaccumulative potential:

- NP9 has potential to bioaccumulate in aquatic organisms.
- Other components (water, glycerin, oils) have low bioaccumulation potential.

Mobility in soil:

- Water-based mixture, dispersible in water.
- May migrate in soil and water if released in large amounts.

Results of PBT and vPvB assessment:

- Mixture does not contain substances identified as PBT or vPvB according to REACH Annex XIII.

Other adverse effects:

Safety Data Sheet (SDS)

SDS v1 GHS / OSHA

- Prevent uncontrolled releases into soil, drains, and waterways.
- Product is not expected to cause significant adverse environmental effects under normal consumer use, but uncontrolled industrial release may be harmful to aquatic ecosystems due to NP9.

Section 13.

Disposal Considerations

Waste treatment methods:

Product/unused residue:

- Dispose of contents in accordance with local, regional, national, and international regulations.
- Do not discharge into drains, waterways, or soil.
- Small consumer quantities may be disposed of with household waste if permitted by local regulations.
- For bulk/industrial quantities, deliver to a licensed waste disposal contractor.

Contaminated packaging:

- Empty containers may contain product residues; handle with care.
- Rinse thoroughly and recycle if facilities are available.
- If recycling is not possible, dispose of containers according to local regulations.

Special considerations:

- Due to the presence of Nonylphenol Ethoxylates (NP9) (aquatic toxic), avoid uncontrolled release to the environment.
- Disposal practices should minimize environmental contamination.

UN number Not regulated

UN proper shipping name Not regulated

Transport hazard class(es) Not classified as dangerous goods for transport by road (ADR/RID), air (IATA/ICAO), or sea (IMDG)

Packing group Not applicable

Contains Nonylphenol Ethoxylates (NP9, 2–5%), very toxic to aquatic life.
Pollutant under IMDG rules.

Environmental hazards

Concentration not sufficient to classify mixture as a Marine

Special precautions for user Avoid release to the environment during transport. Ensure containers are properly secured to prevent leakage.

Transport in bulk according to Annex II

of MARPOL and the IBC Code Not applicable (product is not intended to be transported in bulk).

Page 10 of 12

Safety Data Sheet (SDS)

SDS v1 GHS / OSHA

U.S. Federal Regulations:

- **OSHA HazCom 2012:** Classified as hazardous (Eye irritation, Skin irritation, Skin sensitization, Aquatic toxicity).
- **TSCA (Toxic Substances Control Act):** All intentionally added ingredients are listed or exempt.
- **SARA Title III (Sections 311/312/313):**
 - Hazard categories: Immediate (acute) health hazard.
 - Section 313: This product contains **Nonylphenol Ethoxylates (NP9)**, subject to reporting under SARA 313.
- **CERCLA:** Sodium Hydroxide is listed with a Reportable Quantity (RQ) of 1000 lbs.

State Regulations:

- **California Proposition 65:** This product does not contain substances known to the State of California to cause cancer, birth defects, or reproductive harm.

International Regulations:

- **EU (CLP Regulation (EC) No. 1272/2008):** Classified as hazardous (Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1).
- **EU (REACH Regulation (EC) No. 1907/2006):** All ingredients are compliant with REACH. NP9 is restricted under Annex XVII and not permitted in EU consumer products above 0.1%.
- **Canada (WHMIS 2015):** Classified as hazardous (Eye irritation, Skin irritation, Sensitizer, Aquatic toxicity).

Australia (AICS): All ingredients are listed or exempt from the Australian Inventory of Chemical Substances.

Chemical safety assessment:

- A chemical safety assessment has not been carried out for this mixture.

Section 16

Other Information

Abbreviations of phrases

- **ACGIH:** American Conference of Governmental Industrial Hygienists
- **ADR:** European Agreement concerning the International Carriage of Dangerous Goods by Road
- **CAS:** Chemical Abstracts Service
- **CLP:** Classification, Labelling and Packaging
- **EC:** European Community
- **ECHA:** European Chemicals Agency
- **EINECS:** European Inventory of Existing Commercial Chemical Substances
- **GHS:** Globally Harmonized System of Classification and Labelling of Chemicals
- **IARC:** International Agency for Research on Cancer
- **IATA:** International Air Transport Association
- **ICAO:** International Civil Aviation Organization
- **IMDG:** International Maritime Dangerous Goods Code
- **MARPOL:** International Convention for the Prevention of Pollution from Ships
- **NIOSH:** National Institute for Occupational Safety and Health

Page 11 of 12

Safety Data Sheet (SDS)

SDS v1 GHS / OSHA

- **OSHA:** Occupational Safety and Health Administration
- **PEL:** Permissible Exposure Limit
- **PBT:** Persistent, Bioaccumulative, and Toxic
- **REACH:** Registration, Evaluation, Authorisation and Restriction of Chemicals
- **RID:** Regulations concerning the International Carriage of Dangerous Goods by Rail
- **STEL:** Short Term Exposure Limit
- **STOT:** Specific Target Organ Toxicity
- **TSCA:** Toxic Substances Control Act
- **TWA:** Time Weighted Average
- **vPvB:** very Persistent, very Bioaccumulative

Reference

1. Regulation (EC) No 1223/2009 on Cosmetic Products
2. Regulation (EC) No 1907/2006 (REACH)
3. Regulation (EC) No 1272/2008 (CLP)
4. ECHA Guidance documents
5. Supplier and polymer safety literature
6. OSHA Hazard Communication Standard (29 CFR 1910.1200)

Disclaimer

The information provided in this Safety Data Sheet is based on the current knowledge of the supplier and is intended to describe the product in terms of health, safety, and environmental requirements only. It does not constitute a guarantee of product properties. The product should be used only as directed, and it is the responsibility of the user to ensure compliance with applicable laws and regulations.

****END OF REPORT****