



SAFETY DATA SHEET

Part No. FM-10668-001 (Liquid)

Print Date: 17/09/2020
Revision Date: 9/17/2020
Issue Date: 9/17/2020
Version: 1.0 (EN)-US
Page: 1/7

Clear Fluid Coat

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1 - IDENTIFICATION

1.1 Product Identifier

Product Name : Clear Fluid Coat
Manufacturer Product Number : FM-10668-001

1.2 Other Means of Identification

Other Identifiers : Not Available

1.3 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use : Coating
Restrictions on Use : None Identified

1.4 Supplier Details

	Manufacturer Details	Supplier Details
Company Name	Chem-Pak Inc	Undercoating In A Can
Address	242 Corning Way, Martinsburg, WV 25405 - United States	375 Stewart Rd, Hanover TWP, PA 18706
Phone Number	304-262-1880	570-822-1151
Fax Number	304-262-9643	
Email	msds@chem-pak.com	
Website	http://www.chem-pak.com	

1.5 24 hr Emergency Phone Number

Emergency Number : 800-255-3924
Chem-Tel

SECTION 2 - HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Flam. Liq. 4	H227	Physical Hazards	Flammable liquids Category 4
Skin Sens. 1	H317	Health Hazards	Skin sensitization, Category 1
Asp. Tox. 1	H304	Health Hazards	Aspiration hazard Category 1
Aquatic Acute 3	H402	Environmental Hazards	Hazardous to the aquatic environment - Acute Hazard Category 3

2.2 Label Elements

Hazard Pictograms



GHS07



GHS08

Signal Word

Danger

Hazard Statements

H227 : Combustible liquid
H304 : May be fatal if swallowed and enters airways
H317 : May cause an allergic skin reaction
H402 : Harmful to aquatic life

Precautionary Statements

P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 : Avoid breathing dust/fume/gas/mist/vapors/spray.
P272 : Contaminated work clothing must not be allowed out of the workplace.
P273 : Avoid release to the environment.



SAFETY DATA SHEET

Part No. FM-10668-001 (Liquid)

Print Date: 17/09/2020
Revision Date: 9/17/2020
Issue Date: 9/17/2020
Version: 1.0 (EN)-US
Page: 2/7

Clear Fluid Coat

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

- P280 : Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 : If swallowed: Immediately call a poison center or doctor.
P302+P352 : If on skin: Wash with plenty of water.
P321 : Specific treatment (see supplemental first aid instruction on this label).
P331 : Do NOT induce vomiting.
P333+P313 : If skin irritation or rash occurs: Get medical advice/attention.
P363 : Wash contaminated clothing before reuse.
P370+P378 : In case of fire: Use media other than water to extinguish.
P403+P235 : Store in a well-ventilated place. Keep cool.
P405 : Store locked up.
P501 : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3 Other Hazards Which Do Not Result In Classification

Hazards Not Otherwise Classified : None Identified.

2.4 Unknown acute toxicity

- 1.27% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
3.93% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (vapors))

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance / Mixture

Substance / Mixture : Mixture

3.2 Composition

Substance name	CAS Number	% wt*	Classification
Hydrotreated Light Naphthenic Distillate	64742-53-6	30 - 60	Asp. Tox. 1, H304
Hydrotreated Light Petroleum Distillate	64742-47-8	10 - 30	Flam. Liq. 4, H227 Asp. Tox. 1, H304 Aquatic Acute 2, H401
Dinonylnaphthalene Sulfonic Acid, Calcium Salt	57855-77-3	1 - 5	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Chronic 4, H413
Alkyl Dithiophosphate	Confidential	1 - 5	Skin Sens. 1, H317

Full text of hazard classes and H-statements : see section 16

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4 - FIRST-AID MEASURES

4.1 Description of First-Aid Measures

- General Measures : Call a physician immediately.
Inhalation : Remove person to fresh air and keep comfortable for breathing.
Skin Contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
Eye Contact : Rinse eyes with water as a precaution.
Ingestion : Do NOT induce vomiting. Call a physician immediately.
First-Aid Responder Protection : Wear adequate personal protective equipment based on the nature and severity of the emergency.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

- Symptoms of Exposure : None Identified.
Delayed Effects : No known delayed effects.
Immediate Effects : No known immediate effects.
Chronic Effects : No known chronic effects.
Target Organs : None Identified.



SAFETY DATA SHEET

Part No. FM-10668-001 (Liquid)

Print Date: 17/09/2020
Revision Date: 9/17/2020
Issue Date: 9/17/2020
Version: 1.0 (EN)-US
Page: 3/7

Clear Fluid Coat

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

4.3 Indication of Immediate Medical Attention and Special Treatment

- Notes to Physician : *Treat symptomatically.*
Specific Treatments/Antidotes : *No Information Available.*
Medical Conditions Aggravated : *May aggravate personnel with pre-existing disorders associated with any of the Target Organs.*

SECTION 5 - FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media

- Extinguishing Media : *Water, carbon dioxide, dry chemical, universal aqueous film forming foam.*
Unsuitable Media : *Water jet.*

5.2 Specific Hazards Arising from the Chemical or Mixture

- Hazardous Combustion Products : *Decomposition products may include: oxides of carbon, smoke. See also Section 10.6.*
Specific Hazards During Firefighting : *CONTENTS COMBUSTIBLE. In a fire or if heated, a pressure increase will occur which may result in container bursting.*

5.3 Special Protective Actions for Fire-Fighters

- Firefighting Instructions : *Use water spray to cool fire exposed containers, as contents can rupture violently from heat developed pressure.*
Protection during Firefighting : *Firemen should wear self-contained breathing apparatus with full face-piece operated in positive pressure mode.*

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

- For Non-Emergency Personnel : *No action should be taken involving any personnel without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill.*
For Emergency Personnel : *Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel above.*

6.2 Environmental Precautions

- Environmental Precautions : *Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.*

6.3 Methods and Materials for Containment and Cleaning up

- Containment Procedures : *Released content may be contained with oil/solvent absorbent pads, booms, and/or absorbents.*
Cleanup Procedures : *Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.*
Other Information : *The North American Emergency Response Guidebook or similar resources providing emergency response information for dealing with accidents, spills, leaks, and/or fires involving dangerous goods.*
Prohibited Materials : *Combustible absorbent material such as sawdust. Use of equipment that may cause sparking.*

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for Safe Handling

- General Handling Precautions : *KEEP OUT OF THE REACH OF CHILDREN. When using in spray application, conformance to NFPA 33 Spray Application using Flammable and Combustible Materials is recommended.*
Hygiene Recommendations : *Do not eat, drink or smoke when using this product. Remove contaminated clothing and protective equipment before entering eating or smoking areas. Wash hands thoroughly after use.*

7.2 Conditions for Safe Storage Including Any Incompatibilities

- Storage Requirements : *Storage of flammable materials should conform to NFPA 30 Flammable and Combustible Liquid. Keep containers tightly closed and stored in a well-ventilated place. Keep away from sources of ignition.*
Incompatibilities : *Segregate storage away from materials indicated in Section 10.*



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Part No. FM-10668-001 (Liquid)

Print Date: 17/09/2020
Revision Date: 9/17/2020
Issue Date: 9/17/2020
Version: 1.0 (EN)-US
Page: 4/7

Clear Fluid Coat

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Hydrotreated Light Naphthenic Distillate (64742-53-6)

ACGIH	ACGIH TWA (ppm)	5 mg/m ³ Oil Mist
OSHA	OSHA PEL (TWA) (mg/m ³)	10 mg/m ³ Oil Mist
California	California PEL (TWA) (mg/m ³)	5 mg/m ³

Hydrotreated Light Petroleum Distillate (64742-47-8)

ACGIH	ACGIH TWA (ppm)	200 mg/m ³
NIOSH	NIOSH REL (TWA) (mg/m ³)	100 mg/m ³
California	California PEL (TWA) (mg/m ³)	5 mg/m ³

8.2 Exposure Controls

- Engineering Measures** : Ventilation rates should be matched to conditions. Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.
- Personal Protective Equipment**
- Eye / Face Protection** : Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.
- Hand Protection** : Chemical-resistant gloves, tested according to ASTM F903-17.
- Remarks** : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to the place of work.
- Skin and Body Protection** : For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.
- Respiratory Protection** : An approved respirator with an organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits.
- Filter type** : Organic vapour type.
- Compliance** : If needed, compliance with OSHA standard 29 CFR 1910.134 is necessary.
- Other Protective Equipment** : Safety showers and eye-wash stations should be available in the workplace near where the material will be used.
- Environmental Exposure Controls** : Avoid release to the environment.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Properties

Boiling Point	> 218.00 °C	Melting / Freezing Point	> -70.00 °C
Flash Point, Liquid	> 78.90 °C		
Explosive Limits	LEL: 0.60 UEL: 10.00 vol %	Autoignition Temperature, Liquid	> 231.00 °C
Flammability	Combustible Liquid	Density	0.883 g/cm ³
Molecular Weight	Not Available	Weight	7.369 lbs/gal
Vapor Pressure	Not Available	pH	Not Available
Vapor Density	Not Available	Evaporation Rate (nBAC=1)	Not Available
Viscosity	Not Available	Partition Coefficient (Log Pow)	Not Available
Odor Threshold	Not Available	Refractive Index	Not Available
Physical State	Liquid	Heat Of Combustion	> 12339.09 BTU/lb
Appearance / Color	Translucent Amber	Water Solubility	Not Available
Odor	Petroleum-like	Decomposition Temperature	Not Available

9.2 Environmental Properties

Percent Volatile	20.00 % wt	VOC Regulatory	0.00 g/L (0.00 lbs/gal)
Percent VOC	0.00 % wt	VOC Actual	0.00 g/L (0.00 lbs/gal)
Percent HAP	0.00 % wt	HAP Content	0.00 g/L (0.00 lbs/gal)



SAFETY DATA SHEET

Part No. FM-10668-001 (Liquid)

Print Date: 17/09/2020
Revision Date: 9/17/2020
Issue Date: 9/17/2020
Version: 1.0 (EN)-US
Page: 5/7

Clear Fluid Coat

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Global Warming Potential	0.00 GWP	Maximum Incremental Reactivity	0.2420 g O3/g
Ozone Depletion Potential	0.00 ODP		

SECTION 10 - STABILITY AND REACTIVITY

10.1 Reactivity

Reactivity : No specific test data related to reactivity is available for this products or its ingredients.

10.2 Chemical Stability

Chemical Stability : This product is stable.

10.3 Possibility of Hazardous Reactions

Hazardous Reactions : Under normal conditions of storage and use, hazardous reactions are not expected to occur.

10.4 Conditions to Avoid

Conditions to Avoid : Other Ignition Sources, Heat, Flames, Sparks.

10.5 Incompatible Materials

Materials to Avoid : Strong Oxidizing Agents.

10.6 Hazardous Decomposition Products

Thermal Decomposition : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Alkyl Dithiophosphate (CAS: Confidential / EC:)

LD50 Oral (Rat) 11300 mg/kg (Lit.)

Dinonylnaphthalene Sulfonic Acid, Calcium Salt (CAS: 57855-77-3 / EC: 260-991-2)

LD50 Oral (Rat) > 2500 mg/kg (External SDS)

LD50 Dermal (Rabbit) > 10000 mg/kg (External SDS)

Hydrotreated Light Naphthenic Distillate (CAS: 64742-53-6 / EC: 265-156-6)

LD50 Oral (Rat) > 5000 mg/kg (ChemInfo)

LD50 Dermal (Rabbit) > 2000 mg/kg (ChemInfo)

LC50 Inhalation (Rat) 2.18 mg/l/4h (RTECS)

Hydrotreated Light Petroleum Distillate (CAS: 64742-47-8 / EC: 265-149-8)

LD50 Oral (Rat) > 5000 mg/kg (ECHA)

LD50 Dermal (Rabbit) > 2000 mg/kg (ECHA)

LC50 Inhalation (Rat) > 5.28 mg/l/4h (ECHA)

Routes Of Exposure : Skin Contact.

Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure : See Section 4.2

Skin Corrosion/Irritation : Not classified

Eye Damage/Irritation : Not classified

Respiratory or Skin Sensitization : May cause an allergic skin reaction.

Germ Cell Mutagenicity : Not classified

Reproductive Toxicity : Not classified

STOT-Single Exposure : Not classified

STOT-Repeated Exposure : Not classified

Aspiration Hazard : May be fatal if swallowed and enters airways.



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Part No. FM-10668-001 (Liquid)

Print Date: 17/09/2020
Revision Date: 9/17/2020
Issue Date: 9/17/2020
Version: 1.0 (EN)-US
Page: 6/7

Clear Fluid Coat

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Carcinogen Data : None of the ingredients in the product are listed with OSHA, IARC, NTP or ACGIH as being a suspected or known carcinogen in a concentration greater than 0.1% by weight.

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Ecotoxicity and Ecological Properties

Alkyl Dithiophosphate (Confidential)

LC50 Fish	> 100 mg/l
EC50 Daphnia	> 100 mg/l
EC50 Other Aquatic Organisms	> 100 mg/l

Dinonylnaphthalene Sulfonic Acid, Calcium Salt (57855-77-3)

LC50 Fish	> 0.28 mg/l 96hr
EC50 Daphnia	> 0.27 mg/l 48hr
Log Pow	11.12

Hydrotreated Light Naphthenic Distillate (64742-53-6)

LC50 Fish	> 5000 mg/l Rainbow Trout - 96hr
EC50 Daphnia	> 1000 mg/l Water Flea - 48hr
Persistence and Degradability	Biodegradability in water: no data available.
Log Pow	> 6.5
Bioaccumulative Potential	No bioaccumulation data available.

Hydrotreated Light Petroleum Distillate (64742-47-8)

LC50 Fish	2.9 mg/l (Sigma-Aldrich)
EC50 Other Aquatic Organisms	1.4 mg/l (Sigma-Aldrich)
Persistence and Degradability	Biodegradability 88% / 28 days.
Log Pow	6

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste Disposal	: Product is suitable for burning in an enclosed, controlled burner for fuel value. Hazard characteristics and regulatory waste stream classification can change with product use and location. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.
Waste Disposal Of Packaging	: Consult with your local landfill to determine if empty small containers can be disposed of along with regular trash pickup. For disposal of large containers (typically 10 gallons or larger), or for containers not suitable for landfill, a licensed reconditioner should be used.
Landfill Precautions	: Not Available.
Incineration Precautions	: Not Available.

SECTION 14 - TRANSPORTATION INFORMATION

14.1 UN Number	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Number	: UN1993	UN1993	UN1993
14.2 UN Proper Shipping Name	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Proper Shipping Name	: Combustible Liquid, NOS (Contains Distillates (Petroleum) Hydrotreated Light), Limited Quantity	Combustible Liquid, NOS (Contains Distillates (Petroleum) Hydrotreated Light), Limited Quantity	Combustible Liquid, NOS (Contains Distillates (Petroleum) Hydrotreated Light), Limited Quantity
14.3 Transport Hazard Class(es)	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Transport Hazard Class(es)	: 3	3	3
Labels	: None	3 - Flammable liquid	None



SAFETY DATA SHEET

Part No. FM-10668-001 (Liquid)

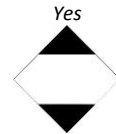
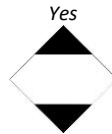
Print Date: 17/09/2020
Revision Date: 9/17/2020
Issue Date: 9/17/2020
Version: 1.0 (EN)-US
Page: 7/7

Clear Fluid Coat

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations



Limited Quantity



EmS Code

Not Applicable

Not Applicable

F-E, S-E

14.4 Packing Group

DOT (USA)

IATA (AIR)

IMDG (OCEAN)

Packing Group

III

III

III

14.5 Environmental Hazards

DOT (USA)

IATA (AIR)

IMDG (OCEAN)

Marine Pollutant

No

No

No

14.6 Special Precautions

Precautions

: None Identified

14.7 Transport in Bulk

Remarks

: Not applicable for product as supplied

SECTION 15 - REGULATORY INFORMATION

15.1 Federal Regulations

SARA Section 313

: This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

TSCA Section 12(b)

: This product or mixture is not known to contain a chemical or chemicals subject to the export notification requirements of section 12(b) of the Toxic Substances Control Act (TSCA) and 40 CFR Part 707, subpart D

CERCLA Reportable Quantity

: This product or mixture is not known to contain a chemical or chemicals subject to the release reporting requirements of section 102 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

15.2 State Regulations

California Proposition 65

: This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

State Right-to-Know Lists

: None of the ingredients are known to appear on any state Right to Know list

SECTION 16 - OTHER INFORMATION

Indication of changes

Section	Changed item	Change
1	Created Safety Data Sheet - Revision 1	Added

Disclaimer of Liability

The information contained herein is based upon data provided to us by our suppliers, and reflects our best judgement. However, no warranty of merchantability, fitness for any use, or any other warranty or guarantee is expressed or implied regarding the accuracy of such data, or the results to be obtained from use thereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the persons receiving it shall make their own determinations of the suitability of the material for any particular use. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist.