

SAFETY DATA SHEET

Lloyds Laboratories Inc.

Fight Back – Part #61714

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Identification of Preparation: Fight Back Aerosol

Date of Safety Data Sheet: April 17, 2018

Use of Preparation: Graffiti Remover.

Company Identification: Lloyds Laboratories Inc.
613 Neal Drive,
Peterborough,
Ontario
K9J 6X7

Company Telephone Number: 800 361-6766

24 Hour Telephone Number: CANUTEC 613-996-6666 or *666 for cell phone.

2. HAZARD IDENTIFICATION

Emergency Overview:

OSHA / WHMIS 2015 Hazards

Classification of substance or mixture

GHS-US/Canadian classification:

Flammable Aerosol Category 1 H222.

Gases under Pressure Compressed Gases H280.

Skin Irritation Category 2 H315.

Eye Irritation Category 2A H319.

Acute Toxicity Inhalation Category 4 H332.

STOT Single Exposure Narcotic Effects Category 3 H336.

Reproductive Toxicity Category 1B H360.

Hazardous to the Aquatic Environment Acute Hazard Category 2 H401.

Label Elements

GHS Labeling

Hazard Pictograms (GHS):



Signal Word (GHS): Danger!

Hazard Statements (GHS):

H222: Extremely flammable aerosol.

H280: Contains gas under pressure, may explode if heated.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

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H332: Harmful if inhaled.

H336: May cause drowsiness or dizziness.

H360: May damage fertility or the unborn child.

H401: Toxic to aquatic life.

Precautionary Statements (GHS):

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P210: Keep away from heat, hot surfaces and direct sunlight.

P211: Do not spray on an open flame or other ignition source.

P252: Do not pierce or burn, even after use.

P243: Take precautionary measures against static discharge.

P260: Do not breathe dust/fume/gas/mist/vapour/spray.

P264: Wash skin thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response Statements (GHS):

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313: IF exposed or concerned: Get medical advice/attention.

P321: Specific treatment (see supplemental first aid instructions on this label).

P331: Do NOT induce vomiting.

P332 + P313: If skin irritation occurs: Get medical advice/attention.

P337 + P313: If eye irritation persists: Get medical advice/attention.

P362 + P364: Take off contaminated clothing and wash it before reuse.

P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

P403 + P233: Store in a well-ventilated place. Keep container tightly closed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: Chemical.

Ingredient	CAS#	% by Wt	Classification
N-Methyl Pyrrolidone	872-50-4	30-60	Flammable Liquids Category 4 – H227 Serious Eye Damage/Eye Irritation Category 2A - H319 Reproductive Toxicity Category 1B – H360 STOT Single Exposure Narcotic Effects Category 3 – H336
Dimethyl Glutarate	1119-40-0	15-30	Serious Eye Damage/Eye Irritation Category 2A - H319
Dimethyl Succinate	106-65-0	7.5-15	Serious Eye Damage/Eye Irritation Category

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			2A - H319
Dimethyl Adipate	627-93-0	1-5	Serious Eye Damage/Eye Irritation Category 2A - H319
Propane	74-98-6	7-13	Flammable Gases Category 1 – H220 Gases under Pressure Liquified Gas – H280
Butane	106-97-8	7-13	Flammable Gases Category 1 – H220 Gases under Pressure Liquified Gas – H280

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If symptoms persist consult physician.
Eye Contact:	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
Ingestion:	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personnel. Never give anything to an unconscious person. Get medical aid.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Water spray or fog, foam, dry chemical, CO2.
Unsuitable extinguishing media:	None known.
Special exposure hazards:	Fire or excessive heat may produce hazardous decomposition products.
Special safety equipment:	Self-contained positive pressure breathing apparatus and protective clothing.
Fire and explosion:	Flammable aerosol. Under fire conditions closed containers may rupture or explode. Bursting aerosol containers may be propelled from fire at high speed. Vapours may travel long distances along the ground before igniting/ flashing back vapour to source.
Further information:	Keep containers and surroundings cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe mist.

For Non-Emergency Personnel

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

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Emergency Procedures: Ventilate area.

Environmental Precautions: Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any powder spills with dikes to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.

Reference to Other Sections: See Heading 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE

Handling

Advice on safe handling:

Use only in area provided with appropriate exhaust ventilation. Handle empty containers with care - residue may be combustible and burn if exposed to heat/sparks/open flame. In addition to the fire/explosion hazard, residual vapour and liquid may also be toxic. Keep container tightly closed when not in use. Keep away from heat and sources of ignition. Isolate, vent, drain, wash and purge systems or equipment before maintenance or repair. Wear recommended personal protective equipment. Avoid contact with incompatible agents. Observe precautions pertaining to confined space entry.

Advice on protection against fire and explosion:

Keep away from heat and sources of ignition.

Do not pierce or burn, even after use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Storage

Requirements for storage areas and containers:

Mild or stainless steel. Store away from heat, sparks, open flames, strong oxidizing agents and direct sunlight. Keep container tightly closed and properly labeled.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Controls:

Engineering measures at elevated temperatures, special ventilation may be required even if the flash point has not been exceeded. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. Personal protective equipment. No occupational exposure limits have been developed for this material.

Respiratory protection:

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection:

Use chemical resistant gloves appropriate to conditions of use. Wear chemical resistant gloves such as: Butyl rubber. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection:

Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to splashing/spraying liquid, airborne particles, or vapour.

Skin and Body protection:

When skin contact is possible, protective clothing including gloves, apron, sleeves, boots, head and face protection should be worn. Choose body protection according to the amount and concentration of the dangerous substance at the work place. Use PPE that is chemical resistant to the product and prevents skin contact.

Working hygiene:

Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the

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hazards and/or potential hazards that may be encountered during use. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Take off contaminated clothing and wash before reuse.

Exposure Guidelines:

Ingredients	CAS-No.	Control parameters	Biological specimen	Sampling time	Concentration	Basis
N-Methyl Pyrrolidone	872-50-4	5-Hydroxy-N-methyl-2-pyrrolidone	urine	end of shift	100 mg/l	ACGIH_BEI S

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Liquid.	Odour	Solvent scent.
Appearance	Clear.	Odour Threshold	No data available.
Colour	Colourless to yellow.	Remarks/Method	
Property			
pH	No data available.	None known.	
Melting/Freezing Point	No data available.	None known.	
Boiling Point/Range	No data available.	None known.	
Flash Point	No data available.	None known.	
Evaporation Rate	Similar.	None known.	
Flammability (solid, gas)	Flammable.	None known.	
Flammability Limit in Air:			
Upper Limit	No data available.	None known.	
Lower Limit	No data available.	None known.	
Vapour Pressure	No data available.	None known.	
Vapour density	No data available.	None known.	
Specific Gravity	0.9 g/cm ³ @ 15.5C.		
Water Solubility	Not Soluble.	None known.	
Solubility Other Solvents	No data available.	None known.	
Partition Coefficient:			
n-octanol/water	No data available.	None known.	
Autoignition temperature	No data available.	None known.	
Decomposition Temperature	No data available.	None known.	
Kinematic Viscosity	No data available.	None known.	
Dynamic Viscosity	No data available.	None known.	
Explosive Properties	No data available.	None known.	
Oxidizing Properties	No data available.	None known.	
Other Properties:			
Softening Point	No data available.		
VOC Content %	No data available.		

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Particle Size No data available.
Particle Size Distribution No data available.

10. STABILITY AND REACTIVITY

Reactivity Stable at normal ambient temperature and pressure.
Chemical stability No decomposition if stored and applied as directed.
Conditions to avoid Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapour to accumulate in low or confined areas. Do not store with strong oxidizing agents.
Hazardous decomposition products Hazardous gases and vapours produced in fire are oxides of carbon.
Materials to avoid Oxydants.
Hazardous polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification

Routes of Entry: Inhalation, ingestion, eye or skin contact.

On the skin: Irritant.

On the eye: Irritant.

Respiratory or Skin Sensitization: None.

Additional toxicological information:

Carcinogenicity:

Chemical Name CAS Number IARC NTP OSHA

No ingredient listed.

Chronic Effects:

Mutagenicity: No evidence of a mutagenic effect.

Teratogenicity: No evidence of a teratogenic effect (birth defect).

Sensitization: No data available for mixture.

Reproductive: Pyrolidone may harm the unborn child.

Carcinogen: Pyrolidone: Not classified This product has had a positive finding in a carcinogenic investigation. The findings do not appear to be relevant to classification due to the non-genotoxic mechanism and the species sensitivity to the liver tumors observed.

Target Organ Effects:

Acute: No information available.

Chronic: None known.

12. ECOLOGICAL INFORMATION

Toxicity: Not classified.
Persistence and Degradability: Not available.
Bioaccumulative Potential: No data available.
Mobility in Soil: Not available.
Other Adverse Effects:
Other Information: Avoid release to the environment.
Aquatic Toxicity: No data available.

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Toxicity to algae, fish invertebrates No data available.
Biodegradation: No data available.

13. DISPOSAL

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology – Waste Materials: Avoid release to the environment.

Empty Containers: Do not pierce, drill or burn even after use. Container under pressure.

14. TRANSPORTATION INFORMATION

Canadian TDG (Road & Rail): Regulated material (limited quantity).

Shipping Name: Aerosols.

Hazard class: 2.1.

Identification number: UN 1950.

U.S. Department of Transportation (DOT): Regulated material (limited quantity).

Shipping Name: Aerosols.

Hazard class: 2.1.

Identification number: UN 1950.

Water Transportation (IMO): Regulated material (limited quantity).

Shipping Name: Aerosols.

Hazard class: 2.1.

Identification number: UN 1950.

Air Transportation (IATA): Regulated material (limited quantity).

Shipping Name: Aerosols.

Hazard class: 2.1.

Identification number: UN 1950.

15. REGULATION

International Inventories

TSCA	Complies.
DSL/NDSL	Complies.
EINECS/ELINCS	Complies.
ENCS	Complies.
IECSC	Complies.
KECL	-
PICCS	-
AICS	Complies.

Legend:

TSCA - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List.

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EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances.

ENCS - Japan Existing and New Chemical Substances.

IECSC - China Inventory of Existing Chemical Substances.

KECL - Korean Existing and Evaluated Chemical Substances.

PICCS - Philippines Inventory of Chemicals and Chemical Substances.

AICS - Australian Inventory of Chemical Substances.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

HMIS III Rating

Health: 1 Slight Hazard.

Flammability: 0 Minimal Hazard.

Physical: 0 Minimal Hazard.

Personal Protection: B.

SDS (GHS HazCom 2012 and WHMIS 2015).

16. OTHER INFORMATION

Prepared By: Technical Department

Issuing Date: March 10, 2017

Revision Date: April 17, 2018

Revision Notes: Format, etc. updates, Hazard Identification, Composition, Physical and Chemical Properties, Exposure Controls, Transportation and Regulatory sections updated.

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However, we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet

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