SAFETY DATA SHEET

1. Identification

Label elements

Due durat muscle an	4045040	
Product number	1045818	
Product identifier	Frankly Polished	
Company information	HARPER SUPPLY LLC. 7924 CAMP BOWIE WEST BLVD FORT WORTH, TX 76116 United States	
Company phone	General Assistance 817-529-1091	
Emergency telephone US	1-800-535-5053	
Emergency telephone outside US	1-352-323-3500	
Version #	01	
Recommended use	Not available.	
Recommended restrictions	None known.	
2. Hazard(s) identification		
Physical hazards	Flammable aerosols	С

Physical hazards	Flammable aerosols	Category 1
Health hazards	Sensitization, skin	Category 1
	Aspiration hazard	Category 1
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	



Signal word	Danger
Hazard statement	Extremely flammable aerosol. May be fatal if swallowed and enters airways. May cause an allergic skin reaction.
Precautionary statement	
Prevention	Keep away from heat/sparks/open flames/hot surfaces No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing mist or vapor. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.
Response	If swallowed: Immediately call a poison center/doctor. If on skin: Wash with plenty of water. Specific treatment (see this label). Do NOT induce vomiting. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Collect spillage.
Storage	Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.
Supplemental information	None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
White Mineral Oil (petroleum)		8042-47-5	20 - 40
Butane		106-97-8	2.5 - 10
Propane		74-98-6	2.5 - 10
Citrus Terpenes		94266-47-4	1 - 2.5

Chemical name	Common name and synonyms	CAS number	%
Polyethylene Glycol Nonylphenol Ether		9016-45-9	0.1 - 1
Other components below reportable	levels		60 - 80

#: This substance has workplace exposure limit(s).

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures	
Inhalation	If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Take off immediately all contaminated clothing. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
Ingestion	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	May cause allergic skin reaction. Dermatitis. Aspiration may cause pulmonary edema and pneumonitis. Rash. Direct contact with eyes may cause temporary irritation. May cause an allergic skin reaction.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.
5. Fire-fighting measures	
Suitable extinguishing media	Alcohol resistant foam. Water fog. Dry chemicals. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.
General fire hazards	Extremely flammable aerosol.
6. Accidental release meas	sures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

$\frac{1}{2}$	PEI	1800 mg/m3
Occupational exposure limits US. OSHA Table Z-1 Limits f Components	or Air Contaminants (29 CFR 1910 Type	.1000) Value
8. Exposure controls/perso	onal protection	
including any incompatibilities	exceeding 50°C/122 °F. Do not pur flame, heat or other sources of igni cause spark and become an ignitio equipment. These alone may be in	iner. Protect from sunlight and do not expose to temperatures acture, incinerate or crush. Do not handle or store near an open tion. This material can accumulate static charge which may n source. Avoid spark promoters. Ground/bond container and sufficient to remove static electricity. Refrigeration compatible materials (see Section 10 of the SDS).
Conditions for safe storage, including any incompatibilities	Level 1 Aerosol.	
	Code in Canada, (CSA C22.1), or t 2003, "Protection Against Ignitions	ment bonding and grounding, refer to the Canadian Electrical he American Petroleum Institute (API) Recommended Practice Arising out of Static, Lightning, and Stray Currents" or National 77, "Recommended Practice on Static Electricity" or National 70, "National Electrical Code".
	operations that can promote accum filtering, pumping at high flow rates filling, tank cleaning, sampling, gau container: Do not pierce or burn, e Do not spray on a naked flame or a until sprayed surface is thoroughly heat, flame, sparks, or other source must be grounded. Use non-sparki containers. Avoid contact with eyes skin. Use only outdoors or in a well	iulation of static charges include but are not limited to: mixing, splash filling, creating mists or sprays, tank and container ging, switch loading, vacuum truck operations. Pressurized ven after use. Do not use if spray button is missing or defective. ny other incandescent material. Do not smoke while using or dry. Do not cut, weld, solder, drill, grind, or expose containers to es of ignition. All equipment used when handling the product ng tools and explosion-proof equipment. Do not re-use empty skin, and clothing. Avoid prolonged or repeated contact with eventilated area. Wear appropriate personal protective after handling. Avoid release to the environment. Observe
Precautions for safe handling		and combustible materials (including combustible dust and erous reactions with incompatible materials. Handling
7. Handling and storage		
Environmental precautions	Avoid release to the environment. I environmental releases. Prevent fu	nform appropriate managerial or supervisory personnel of all rther leakage or spillage if safe to do so. Avoid discharge into round. Use appropriate containment to avoid environmental
	Never return spills in original conta	
		nt material (e.g. cloth, fleece). Clean surface thoroughly to waste disposal, see section 13 of the SDS.
Methods and materials for containment and cleaning up	smoking, flares, sparks, or flames i away from spilled material. Stop lea open area if the leak is irreparable. vermiculite, dry sand or earth and p	s and/or instructions for use. Eliminate all ignition sources (no n immediate area). Keep combustibles (wood, paper, oil, etc.) ak if you can do so without risk. Move the cylinder to a safe and Cover with plastic sheet to prevent spreading. Absorb in lace into containers. Prevent entry into waterways, sewer, wing product recovery, flush area with water.

Propane (CAS 74-98-6)	PEL	1800 mg/m3	
		1000 ppm	
US. ACGIH Threshold Limit Valu	les		
Components	Туре	Value	
Butane (CAS 106-97-8)	STEL	1000 ppm	
US. NIOSH: Pocket Guide to Che	emical Hazards		
Components	Туре	Value	
Butane (CAS 106-97-8)	TWA	1900 mg/m3	
		800 ppm	
Propane (CAS 74-98-6)	TWA	1800 mg/m3	
		1000 ppm	

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls	Explosion-proof general and local exhaust ventilation.
Individual protection measures	, such as personal protective equipment
Eye/face protection	Face shield is recommended. Chemical goggles are recommended.
Hand protection	Wear appropriate chemical resistant gloves.
Skin protection	
Other	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
Skin protection	
Respiratory protection	If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance	Cloudy.
Physical state	Gas.
Form	Aerosol.
Color	White.
Odor	Citrus
Odor threshold	Not available.
рН	10 - 11 estimated
Melting point/freezing point	Not available.
Initial boiling point and boiling	318.69 °F (159.27 °C) estimated
range	
Flash point	-156.0 °F (-104.4 °C) Propellant estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or expl	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	20.74 psig @70F estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Specific gravity	0.95 - 0.97 estimated

10. Stability and reactivity

Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport. Material is stable under normal conditions. **Chemical stability**

Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use. Hazardous polymerization does not occur.
Conditions to avoid	Keep away from heat, sparks and open flame. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Fluorine. Chlorine. Nitrates.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Expected to be a low ingestion hazard. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Inhalation	Not available.
Skin contact	Causes mild skin irritation. May cause an allergic skin reaction.
Eye contact	Direct contact with eyes may cause temporary irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Dermatitis. Aspiration may cause pulmonary edema and pneumonitis. Rash. May cause allergic skin reaction. Direct contact with eyes may cause temporary irritation. May cause an allergic skin reaction.

Information on toxicological effects

Acute toxicity	May be fatal if swallowed and enters airways. May cause an allergic skin reaction. Expected to be
	a low hazard for usual industrial or commercial handling by trained personnel.

Product	Species	Test Results
1045818 Frankly Polished (CA	AS Mixture)	
Acute		
Dermal		
LD50	Rat	78652 mg/kg
Inhalation		
LC50	Rat	4104 mg/l/4h
Components	Species	Test Results
Butane (CAS 106-97-8)		
Acute		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
Propane (CAS 74-98-6)		
Acute		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
		658 mg/l/4h
White Mineral Oil (petroleum) (CAS 8042-47-5)	5
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
Inhalation		
LC50	Rat	2.18 mg/l, 4 Hours
* Estimates for product ma	y be based on additional component da	ata not shown.
Skin corrosion/irritation	Causes mild skin irritation.	
Serious eye damage/eye irritation	Direct contact with eyes may caus	se temporary irritation.

Respiratory or skin sensitization	1		
Respiratory sensitization	Not a respiratory sensitizer.		
Skin sensitization	May cause an allergic skin reaction.		
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.		
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.		
OSHA Specifically Regulate Not listed.	d Substances (29 CFR 1910.1001-1050)		
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.		
Specific target organ toxicity - single exposure	Not available.		
Specific target organ toxicity - repeated exposure	Not classified.		
Aspiration hazard	May be fatal if swallowed and enters airways. Not an aspiration hazard.		
12. Ecological information			
Ecotoxicity	Toxic to aquatic life.		

Product	Product		Test Results
1045818 Frankly Polished (C	CAS Mixture)		
Aquatic			
Algae	IC50	Algae	20858 mg/L, 72 Hours
Crustacea	EC50	Daphnia	2069 mg/L, 48 Hours
Fish	LC50	Fish	12119 mg/L, 96 Hours
Components		Species	Test Results
Polyethylene Glycol Nonylph	enol Ether (CA	S 9016-45-9)	
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	12.2 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus)	1 - 1.8 mg/l, 96 hours
* Estimates for product may b	be based on ad	ditional component data not shown.	
Persistence and degradability	No data is a	vailable on the degradability of this produ	ct.
Bioaccumulative potential	No data ava	ilable.	
Partition coefficient n-octa	nol / water (log	y Kow)	
Butane		2.89	
Propane	2.36 No data available.		
Mobility in soil			
Other adverse effects		verse environmental effects (e.g. ozone d docrine disruption, global warming poten	
13. Disposal consideratio	ns		
Disposal instructions	under press sewers/wate		
Local disposal regulations	Dispose in a	ccordance with all applicable regulations	
Hazardous waste code	The waste c disposal cor		ween the user, the producer and the waste
Waste from residues / unused products		n accordance with local regulations. Emp dues. This material and its container mus	

Contaminated packagingDisposal instructions).Contaminated packagingEmpty containers should be taken to an approved waste handling site for recycling or disposal.
Since emptied containers may retain product residue, follow label warnings even after container is
emptied. Do not re-use empty containers.

14. Transport information

DOT

UN number	UN1950
UN proper shipping name	Aerosols, flammable, (each not exceeding 1 L capacity)
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

IATA

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Environmental hazards	Yes
ERG Code	10L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Allowed.
Cargo aircraft only	Allowed.
Packaging Exceptions	LTD QTY
IMDG	
UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	Yes
EmS	F-D, S-U
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
Packaging Exceptions	LTD QTY
Transport in bulk according to	Not applicable.
Annex II of MARPOL 73/78 and the IBC Code	







IMDG Regulated Marine Pollutant.

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

Hazard categories

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Chemical name	CAS number	Reportable quantity	Threshold planning quantity	Threshold planning quantity, lower value	Threshold planning quantity, upper value	
Anhydrous Ammonia	7664-41-7	100	500 lbs			
SARA 311/312 Hazard	ous No					

SARA 311/312 Hazardous chemical

Chemical name		CAS number	% by wt.
Benzene		71-43-2	0.01 - 0.1
her federal regulations			
Clean Air Act (CAA) Sec	tion 112 Hazardous Air Po	llutants (HAPs) List	
Not regulated. Clean Air Act (CAA) Sect	tion 112(r) Accidental Rele	ease Prevention (40 CFR	68.130)
Butane (CAS 106-97- Propane (CAS 74-98-	,		
Safe Drinking Water Act (SDWA)	Not regulated.		
state regulations			
US. Massachusetts RTK	- Substance List		
Butane (CAS 106-97- Propane (CAS 74-98-	6)		
-	and Community Right-to-I	Know Act	
Butane (CAS 106-97-	,		
Propane (CAS 74-98- US, Pennsylvania Worke	6) r and Community Right-to	o-Know Law	
Butane (CAS 106-97-			
Propane (CAS 74-98-			
US. Rhode Island RTK			
Butane (CAS 106-97- Propane (CAS 74-98-			
US. California Propositio	on 65		
reproductive harm.			ia to cause cancer and birth defects or other
	osition 65 - CRT: Listed da	-	
Benzene (CAS 7	1-43-2) osition 65 - CRT: Listed da	Listed: February	27, 1987
Benzene (CAS 7		Listed: Decembe	or 26, 1997
	osition 65 - CRT: Listed da		•
Benzene (CAS 7	1-43-2)	Listed: Decembe	er 26, 1997
ernational Inventories			
Country(s) or region	Inventory name		On inventory (yes/no
Australia	Australian Inventory o	f Chemical Substances (A	
Canada	Domestic Substances	List (DSL)	Ye
Canada	Non-Domestic Substa	nces List (NDSL)	Ν
China	Inventory of Existing C	Chemical Substances in Ch	nina (IECSC) N
Europe	European Inventory of Substances (EINECS)	Existing Commercial Che	mical N
Europe	European List of Notif	ed Chemical Substances	(ELINCS) N
	Inventory of Existing a	nd New Chemical Substar	nces (ENCS) N
Japan			Ν
Korea	Existing Chemicals Lis		
	Existing Chemicals Lis New Zealand Inventor		Ν
Korea	New Zealand Inventor		

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	08-05-2015
Version #	01

	The information provided 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.
Revision Information	Product and Company Identification: Alternate Trade Names