SAFETY DATA SHEETS

This SDS packet was issued with item:

078056841

N/A

Oster Kool-Lube 3

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Oster Kool-Lube 3	
Product Number:	A07146	
Product Use:	Lubricant.	
Manufacturer/Supplier:	Oster Professional Products / Sunbeam Product Inc., D/B/A Jarden Consumer Solutions 150 Cadillac Lane, McMinnville, TN 37110	
Phone Number:	Oster Customer Service (800) 339-2547 (CST) 8AM- 5PM Safety Questions: (888)-865-6810 (CST) 7 AM-5:30 PM	
D.O.T. Emergency Phone:	CHEM TEL (800) 255-3924	
Date of Preparation:	August 15, 2011	Revision #: 3.0
Section 2: HAZARDS IDENTIFICATION		

EMERGENCY OVERVIEW

HMIS: See Section 15

CAUTION

MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. CONTENTS UNDER PRESSURE. CONTAINER MAY EXPLODE IF HEATED.

Potential Health Effects: See Section 11 for more information.

Likely Routes of Exposure: Skin contact, eye contact, inhalation, and ingestion.

Eye:	May cause eye irritation.
Skin:	May cause skin irritation.

Ingestion: Not a normal route of exposure. Harmful: may cause lung damage if swallowed.

Inhalation: May cause respiratory tract irritation. This product may be aspirated into the lungs and cause chemical pneumonitis.

Chronic Effects: Prolonged or repeated contact may dry skin and cause irritation.

Signs and Symptoms: Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling. Symptoms may include redness, drying, and cracking of the skin. Vapours may cause drowsiness and dizziness.

Medical Conditions Aggravated By Exposure: Asthma. Allergies.

Target Organs: Skin, eyes, gastrointestinal tract, respiratory system.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Potential Environmental Effects: May cause long-term adverse effects in the aquatic environment. See Section 12 for more information.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS		
Ingredient	CAS #	Wt. %
Ethanol	64-17-5	30 - 60
Isobutane	75-28-5	10 - 30
Propane	74-98-6	7 - 13
Triethylene glycol	112-27-6	3 - 7
Isopropanol	67-63-0	1 - 5

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Section 4: FIRST AID MEASURES

- **Eye Contact:** In case of contact, immediately flush eyes with plenty of water. If easy to do, remove contact lenses, if worn.
- **Skin Contact:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.
- **Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
- **Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

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

Note to Physicians: Symptoms may not appear immediately.

Section 5: FIRE FIGHTING MEASURES

Flammability: Not flammable by OSHA criteria.

Means of Extinction:

Suitable Extinguishing Media: Powder, water spray, foam, carbon dioxide.

Unsuitable Extinguishing Media: Not available.

Products of Combustion: May include, and are not limited to: oxides of carbon, oxides of nitrogen.

Explosion Data:

Sensitivity to Mechanical Impact: Not available.

Sensitivity to Static Discharge: Not available.

Protection of Firefighters: Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.

Environmental Precautions: Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods for Containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Clean-Up: Soak into absorbent material. Spills of this material are a slipping hazard. Thoroughly wash the area with water after a spill or leak.

Other Information: Not available.

Oster Kool-Lube 3

Section 7: HANDLING AND STORAGE

Handling:

Keep away from sources of ignition. No smoking. Avoid contact with skin and eyes. Do not swallow. Do not breathe gas/fumes/vapor/spray. Use only in well-ventilated areas. When using do not eat or drink. Wash hands before eating, drinking, or smoking.

Storage:

Keep out of the reach of children. Keep container tightly closed and in a well-ventilated place. Do not store at temperatures above 49 °C / 120 °F.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

	Exposure Limits		
Ingredient	OSHA-PÉL	ACGIH-TLV	
Ethanol	1000 ppm	1000 ppm	
Isobutane	Not available.	Not available.	
Propane	1000 ppm	1000 ppm	
Triethylene glycol	Not available.	Not available.	
Isopropanol	400 ppm	200 ppm	

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal Protective Equipment:

Eye/Face Protection: Wear eye/face protection.

Hand Protection: Wear suitable gloves.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

HMIS: See Section 15

General Hygiene Considerations: Handle according to established industrial hygiene and safety practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Clear.
Colorless.
Lemon/Alcohol.
Not available.
Liquid.
10.4
Not available.
Not available.
Not available.
Not available.
> 1 (Water = 1)
Not available.
Not available.

Oster Kool-Lube 3

Vapor Pressure:	PSIG @ 21°C (70°F) (Aerosols): Max.60
Vapor Density:	> 1 (Air = 1)
Specific Gravity:	0.842 (Concentrate only)
Solubility in Water:	Complete.
Coefficient of Water/Oil Distribution:	Not available.
Auto-ignition Temperature:	Not available.
Percent Volatile, wt. %:	Not available.
VOC content, wt. %:	86.6% (US federal/CARB/OTC/LADCO)
VOC content, g/L:	Not available.

Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn. Keep in a cool place.

Conditions of Reactivity: Heat. Incompatible materials.

Incompatible Materials: Oxidizers. Reducing agents. Acids.

Hazardous Decomposition Products: May include, and are not limited to: oxides of carbon, oxides of nitrogen.

Possibility of Hazardous Reactions: No dangerous reaction known under conditions of normal use.

Section 11: TOXICOLOGY INFORMATION

EFFECTS OF ACUTE EXPOSURE

Component Analysis

Ingredient		LD ₅₀ (oral)	LC ₅₀
Ethanol		7060 mg/kg, rat	20000 ppm 10hr, rat
Isobutane		Not available.	658 mg/L 4hr, rat
Propane		Not available.	658 mg/L 4hr, rat
Triethylene gl	ycol	Not available.	Not available.
Isopropanol		4396 mg/kg, rat	72.6 mg/L 4hr, rat
Eye:	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.		
Skin:	May cause skin irritation. Symptoms of the skin.	s may include redness,	drying, and cracking
Ingestion:	Not a normal route of exposure. Ha	rmful: may cause lung	damage if swallowed.

Inhalation: May cause respiratory tract irritation. This product may be aspirated into the lungs and cause chemical pneumonitis. Vapours may cause drowsiness and dizziness.

EFFECTS OF CHRONIC EXPOSURE

Target Organs: Not available.

Chronic Effects: (Effects due to excessive exposure to the raw materials of this mixture) Intentional excessive overexposure may cause kidney damage, liver abnormalities, brain damage.

Carcinogenicity: Not hazardous by OSHA criteria.

Oster Kool-Lube 3

Ingredient

Chemical Listed as Carcinogen or Potential Carcinogen *

Ethanol Isobutane Propane Triethylene glycol Isopropanol G-A3, I-1 Not listed. Not listed. Not listed. G-A4, I-3

* See Section 15 for more information.

Mutagenicity: Hazardous by OSHA criteria.

Reproductive Effects: Not hazardous by OSHA criteria.

Developmental Effects:

Teratogenicity: Not hazardous by OSHA criteria.

Embryotoxicity: Not hazardous by OSHA criteria.

Respiratory Sensitization: Not hazardous by OSHA criteria.

Skin Sensitization: Not hazardous by OSHA criteria.

Toxicologically Synergistic Materials: Not available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: May cause long-term adverse effects in the aquatic environment.

Persistence / Degradability: Not available.

Bioaccumulation / Accumulation: Not available.

Mobility in Environment: Not available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal Instructions:

This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

Section 14: TRANSPORTATION INFORMATION

DOT Classification

ORM-D

Section 15: REGULATORY INFORMATION

Federal Regulations

US: MSDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200).

SARA Title III

Ingredient	Section 302 (EHS) TPQ (lbs.)	Section 304 EHS RQ (lbs.)	CERCLA RQ (lbs.)	Section 313
Ethanol	Not listed.	Not listed.	Not listed.	Not listed.
Isobutane	Not listed.	Not listed.	Not listed.	Not listed.
Propane	Not listed.	Not listed.	Not listed.	Not listed.
Triethylene glycol	Not listed.	Not listed.	Not listed.	Not listed.
Isopropanol	Not listed.	Not listed.	Not listed.	Yes.

Oster Kool-Lube 3

State Regulations

California Proposition 65:

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Global Inventories

Ingredient	USA TSCA
Ethanol	Yes.
Isobutane	Yes.
Propane	Yes.
Triethylene glycol	Yes.
Isopropanol	Yes.

HMIS - Hazardous Materials Identification System

Health - 2* Flammability - 2 Physical Hazard - 0

PPE – B

NFPA - National Fire Protection Association:

Health - 2 Fire - 2 Reactivity - 0

Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

OSHA (O) Occupational Safety and Health Administration.

- ACGIH (G) American Conference of Governmental Industrial Hygienists.
 - A1 Confirmed human carcinogen.
 - A2 Suspected human carcinogen.
 - A3 Animal carcinogen.
 - A4 Not classifiable as a human carcinogen.
 - A5 Not suspected as a human carcinogen.

IARC (I) International Agency for Research on Cancer.

1 - The agent (mixture) is carcinogenic to humans.

2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

- 2B The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.
- 3 The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.
- 4 The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

NTP (N) National Toxicology Program.

- 1 Known to be carcinogens.
 - 2 Reasonably anticipated to be carcinogens.

Section 16: OTHER INFORMATION

Disclaimer:

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

Prepared by:Nexreg Compliance Inc.Prepared for:Oster Professional Products / Sunbeam Product Inc., D/B/A Jarden Consumer
Solutions
Oster Customer Service (800) 339-2547 (CST) 8 AM- 5 PM
Safety Questions: (888)-865-6810 (CST) 7 AM-5:30 PM



Safety Data Sheet

JARDEN OSTER KOOL LUBE 3

MSDS Number: 1253310

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PRODUCT AND COMPANY IDENTIFICATION

SDS

Manufacturer

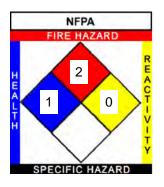
Apollo Technologies, Inc. 1850 S. Cobb Industrial Boulevard Smyrna, GA 30082

Phone:	770-433-0210
Web:	http://www.apolloind.com/

Product Name: Revision Date:	JARDEN OSTER KOOL LUBE 3 6/28/2016
Version:	2
MSDS Number:	1253310
Common Name:	Aerosol cooling lube
Product Code:	76300-101-005
Product Use:	Aerosol cooling lube

2	HAZARDS IDENTIFICATION
Route of Entry:	Eyes - Yes Skin - Yes Inhalation - Yes Ingestion - Unlikely
Target Organs:	Respiratory system; Skin;
Inhalation:	Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.
Skin Contact:	May cause mild skin irritation. Symptoms may include redness and burning of skin. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin, skin burns, and other skin damage.
Eye Contact:	Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes
Ingestion:	Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

NFPA: HMIS III:



Health = 1, Fire = 2, Reactivity = 0 H1/F2/PH0





Safety Data Sheet

JARDEN OSTER KOOL LUBE 3

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GHS Signal Word: WARNING

GHS Hazard Pictograms:



GHS Classifications:

Physical, Flammable Aerosols, 2 Health, Acute toxicity, 5 Dermal Health, Acute toxicity, 5 Inhalation Health, Acute toxicity, 5 Oral Health, Serious Eye Damage/Eye Irritation, 2 B Physical, Gases Under Pressure, Compressed Gas

GHS Phrases:

- H223 Flammable aerosol
- H313 May be harmful in contact with skin
- H333 May be harmful if inhaled
- H303 May be harmful if swallowed
- H320 Causes eye irritation
- H280 Contains gas under pressure; may explode if heated
- **GHS** Precautionary Statements:
 - P102 Keep out of reach of children.
 - P103 Read label before use.
 - P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking
 - P211 Do not spray on an open flame or other igntion source.
 - P251 Pressurized container: Do not pierce or burn, even after use.
 - P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
 - P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 - P302+350 IF ON SKIN: Gently wash with soap and water.
 - P304+312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
 - P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 - P309+311 IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician.
 - P332+313 If skin irritation occurs: Get medical advice/attention.
 - P412 Do not expose to temperatures exceeding 50 °C/122 °F





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COMPOSITION/INFORMATION ON INGREDIENTS

SDS

Ingredients:

Cas # | Percentage | Chemical Name _____

64-17-5 25-45%	Ethyl alcohol
112-27-6 <10%	Triethylene glycol
74-98-6 10-20%	Propane
106-97-8 10-20%	n-Butane

4	FIRST AID MEASURES
Inhalation:	Move to fresh air. If symptoms persist, seek medical attention.
Skin Contact:	Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.
Eye Contact:	Move to fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.
Ingestion:	Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

5 FIRE FIGHTING MEASURES

Flash Point:	-156°F (-104.4°C) (propellant)
Flash Point Method:	Estimated
Burning Rate:	Not available.
Autoignition Temp:	Not available.
LEL:	Not available.
UEL:	Not available.

Means of Extinguishment:

Suitable Extinguishing Media: Powder, water spray, foam, carbon dioxide.

Unsuitable Extinguishing Media: Not available.

Products of Combustion: May include, and are not limited to: oxides of carbon.

Explosion Data:

Sensitivity to Mechanical Impact: Not available.

Sensitivity to Static Discharge: Not available.

Protection of Firefighters: Containers may explode when heated. Keep upwind of fire. Wear

full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).



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ACCIDENTAL RELEASE MEASURES

SDS

Personal Precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.

Environmental Precautions: Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods for Containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Clean-Up: Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

7	HANDLING AND STORAGE
Handling Precautions:	HARMFUL IF INHALED OR SWALLOWED. VAPOR HARMFUL. EYE, SKIN AND RESPIRATORY IRRITANT. Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.
Storage Requirements:	Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container. Store in accordance with NFPA 30B for LEVEL 2 AEROSOL.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Personal Protective Eq	luip:	HMIS PP	adequate ventilation. , B Safety Glasses, Gloves , A Safety Glasses	
INGREDIENTS	OSHA-	PEL	EXPOSURE LIMITS ACGIH-TLV	OTHER
Ethyl Alcohol	1000 pj	om	1000 ppm	
Triethylene Glycol				10mg/m ³ WEEL
Propane	Unkno	wn	1000 ppm	
n-Butane	Unkno	wn	800 ppm	



Safety Data Sheet

-156°F (-104.4°C) (propellant)

62.6%

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9	PHYSICAL AND CHEMICAL PROP	PERTIES		
Appearance:	Colorless, clear liquid			
Physical State:	Mixture packaged in pressurized aerosol sp	Odor:	Slight floral scent	
Spec Grav./Density:	0.895 - 0.905g/ml	Solubility:	Soluble	

Physical State: Spec Grav./Density Boiling Point: Flammability: Vapor Pressure: pH: Evap. Rate:

Colorless, clear liquid Mixture packaged in pressurized aerosol sp 0.895 - 0.905g/ml >100°F Flammable No Data No data >1.00

SDS

STABILITY AND REACTIVITY

Stability: Conditions to Avoid:	Product is stable under normal conditions. Heat, sparks, open flames and temperatures above 120°F
Materials to Avoid:	Acids, Aldehydes, Alkali metals, Amines, Ammonia, Bases, Ethylene oxide, halogenated hydrocarbons,
	halogens, inorganic materials, isocyanates, Oxidizing agents, sodium, Do not use with aluminum equipment at temperatures above 120°F.
Hazardous Decomposition:	CO, CO2, formaldehyde, Hydrocarbons
Hazardous Polymerization:	Will not occur.

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TOXICOLOGICAL INFORMATION

No product toxicological information is available.

12

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ECOLOGICAL INFORMATION

No product ecological information is available.

DISPOSAL CONSIDERATIONS

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility. RCRA Haz No D001

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TRANSPORT INFORMATION

UN Number: UN1950 Proper shipping name Aerosol, Limited Quantity Transport Hazard Class(es); 2.2 Packing group N/A





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REGULATORY INFORMATION

SDS

COMPONENT / (CAS/PERC) / CODES

*Ethyl alcohol (64175 25-45%) MASS, OSHAWAC, PA, TSCA, TXAIR

*Triethylene glycol (112276 <10%) HAP, PA, TSCA

*Propane (7498610-20%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

*n-Butane (106978 10-20%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List OSHAWAC = OSHA Workplace Air Contaminants PA = PA Right-To-Know List of Hazardous Substances TSCA = Toxic Substances Control Act TXAIR = TX Air Contaminants with Health Effects Screening Level

NJHS = NJ Right-to-Know Hazardous Substances NRC = Nationally Recognized Carcinogens SARA313 = SARA 313 Title III Toxic Chemicals

HAP = Hazardous Air Pollutants

Proposition 65 - California Safe Drinking Water and Toxic Enforcement Act of 1986 This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

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OTHER INFORMATION

Author: DP Publication Date: 6/28/2016 Revision No. 2

Disclaimer:

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