



On Track Edgeburner Blending Spray (A-7901)

Safety Data Sheet ONT.A-7901

Date of issue: 07-13-2015 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Recommended Use : Coating
Recommended Restrictions : None Known
Product Number : A-7901

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

1.3. Details of the supplier of the safety data sheet

Supplier
MCGEHEE & MCGEHEE ENTERPRISES INC
120 SOUTH BOGGESS AVENUE
- USA
T (270) 338-4600 - F (270) 338-4602

1.4. Emergency telephone number

Emergency number : 1-800-424-9300 (CHEMTREC)

SECTION 2: Hazards identification

2.1 Physical Hazards

Flammable Aerosols ————— Category 1

2.2 Health Hazards

Acute Toxicity, Oral ————— Category 4

2.3 Environmental Hazards

Not classified.

2.4 OSHA Defined Hazards

Not classified.

2.5 Label Elements



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2.6 Signal Word

Danger

2.7 Hazard Statement

Extremely flammable aerosol. Harmful if swallowed.

2.8 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. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

RESPONSE:

If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth.

STORAGE:

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.

2.9 Hazard(s) not Otherwise Classified (HNOC)

None known.

2.10 Supplemental Information

None.

SECTION 3: Composition/Information on ingredients

3.1 Mixtures

Chemical Name	Common Name and Synonyms	CAS Number	%
Cyclohexanone		108-94-1	60-80
Propane		74-98-6	20-40
Isobutane		75-28-5	10-20

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

SECTION 4: First aid measures

4.1 Inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

4.2 Skin Contact

Wash off with soap and water. Get medical attention if irritation develops and persists.

4.3 Eye Contact

Rinse with water. Get medical attention if irritation develops and persists.

4.4 Ingestion

Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.

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4.5 Most Important Symptoms/Effects, Acute and Delayed

Dizziness. Headache. Irritation of eyes and mucous membranes. Skin irritation.

4.6 Indication of Immediate Medical Attention and Special Treatment Needed

Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

4.7 General Information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

5.1 Suitable Extinguishing Media

Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO₂).

5.2 Unsuitable Extinguishing Media

Do not use water jet as an extinguisher, as this will spread the fire.

5.3 Specific Hazards Arising from the Chemical

Contents under pressure. Pressurized container may explode when exposed to heat or flame.

5.4 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.

5.5 Fire-Fighting Equipment / Instructions

Move containers from fire area if you can do so without risk. 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.

5.6 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.

5.7 General Fire Hazards

Extremely flammable aerosol.

SECTION 6: Accidental release measures

6.1 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. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

6.2 Methods and Materials for Containment and Cleaning Up

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

6.3 Environmental Precautions

Avoid discharge into drains, water courses or onto the ground.

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SECTION 7: Handling and storage

7.1 Precautions for Safe Handling

Pressurized container. Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

7.2 Conditions for Safe Storage, including and Incompatibilities

Level 1 Aerosol.

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Store away from incompatible material (see Section 10 of the SDS).

SECTION 8: Exposure controls/personal protection

8.1 Occupational Exposure Limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Cyclohexanone (CAS 108-94-1)	PEL	200 mg/m ³
Propane (CAS 74-98-6)	PEL	50 ppm 1800 mg/m ³ 1000 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
Cyclohexanone (CAS 108-94-1)	STEL	50 ppm
	TWA	20 ppm
Isobutane (CAS 75-28-5)	STEL	1000 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Cyclohexanone (CAS 108-94-1)	TWA	100 mg/m ³ 25 ppm
		1900 mg/m ³ 800 ppm
Isobutane (CAS 75-28-5)	TWA	1800 mg/m ³ 1000 ppm

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8.2 Biological Limit Values

ACGIH Biological Exposure Indices				
Components	Value	Determinant	Specimen	Sampling Time
Cyclohexanone (CAS 108-94-1)	80 mg/l	1,2-Cyclohexanediol, with hydrolysis	Urine	*
	8 mg/l	Cyclohexanol, with hydrolysis	Urine	*

* - For sampling details, please see the source document.

8.3 Exposure Guidelines

US - California OELs: Skin Designation	
Cyclohexanone (CAS 108-94-1)	Can be absorbed through the skin.
US - Minnesota Haz Subs: Skin Designation Applies	
Cyclohexanone (CAS 108-94-1)	Skin designation applies.
US - Tennessee OELs: Skin Designation	
Cyclohexanone (CAS 108-94-1)	Can be absorbed through the skin.
US ACGIH Threshold Limit Values: Skin Designation	
Cyclohexanone (CAS 108-94-1)	Can be absorbed through the skin.
US NIOSH Pocket Guide to Chemical Hazards: Skin Designation	
Cyclohexanone (CAS 108-94-1)	Can be absorbed through the skin.

APPROPRIATE ENGINEERING CONTROLS:

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

8.4 Individual Protection Measures, such as Personal Protective Equipment

EYE/FACE PROTECTION: Face shield is recommended. Wear safety glasses with side shields (or goggles).

HAND PROTECTION: Wear appropriate chemical resistant gloves.

SKIN PROTECTION:

Other: Wear suitable protective clothing.

RESPIRATORY: 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. Keep away from food and drink. 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.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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Physical state	: Gas
Form	: Aerosol.
Color	: No data available
Odor	: No data available
Odor threshold	: No data available
pH	: No data available
Melting Point/Freezing Point	: No data available
Initial Boiling Point and Boiling Range	: 312.08°F (155.6°C) estimated
Flash Point	: -156.0°F (-104.4°C) Propellant estimated
Evaporation Rate	: No data available
Flammability (solid, gas)	: No data available
Upper/lower flammability or explosive limits	:
Flammability limit - lower (%)	: 1.8% estimated
Flammability limit - upper (%)	: 9.5 % estimated
Explosive limit - lower (%)	: No data available
Explosive limit - upper (%)	: No data available
Vapor Pressure	: No data available
Vapor Density	: No data available
Relative Density	: No data available
Solubility(ies)	:
Solubility (water)	: No data available
Partition Coefficient (n-octanol/water)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Other information	:
Flammability Class	: Flammable IB estimated
Heat of Combustion (NFPA 30B)	: 17.45 kJ/g estimated
Percent Volatile	: 100 % estimated
Specific gravity	: 0.797 estimated
VOC (weight %)	: 100 % estimated

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SECTION 10: Stability and reactivity

10.1 Reactivity

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

10.2 Chemical Stability

Material is stable under normal conditions.

10.3 Possibility of Hazardous Reactions

Hazardous polymerization does not occur.

10.4 Conditions to Avoid

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5 Incompatible Materials

Strong oxidizing agents. Nitrates. Fluorine. Chlorine.

10.6 Hazardous Decomposition Products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on Likely Routes of Exposure

Ingestion: Harmful if swallowed.

Inhalation: Prolonged inhalation may be harmful.

Skin Contact: No adverse effects due to skin contact are expected.

Eye Contact: Direct contact with eyes may cause temporary irritation.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

Dizziness. Headache. Irritation of eyes and mucous membranes. Skin irritation.

11.2 INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: Harmful if swallowed.

Components	Species	Test Results
CYCLOHEXANONE (CAS 108-94-1) ACUTE		
Inhalation LC50	Rat	>6.2 mg/l, 4 hours
Oral LD50	Rat	1620 mg/kg
ISOBUTANE (CAS 75-28-5) 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

* Estimates for product may be based on additional component data not shown.

SKIN CORROSION/IRRITATION:

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Prolonged skin contact may cause temporary irritation.

SERIOUS EYE DAMAGE/EYE IRRITATION:

Direct contact with eyes may cause temporary irritation.

RESPIRATORY OR SKIN SENSITIZATION:

RESPIRATORY SENSITIZATION: Not Available

SKIN SENSITIZATION: This product is not expected to cause skin sensitization.

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.

IARC Monographs. Overall Evaluation of Carcinogenicity

Cyclohexanone (CAS 108-94-1) - 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

REPRODUCTIVE TOXICITY:

This product is not expected to cause reproductive or developmental effects.

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE:

Not classified.

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE:

Not classified.

ASPIRATION HAZARD:

Not available.

CHRONIC EFFECTS:

Prolonged inhalation may be harmful.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
CYCLOHEXANONE (CAS 108-94-1)		
Aquatic Fish	LC50 Fathead Minnow (<i>pimephales promelas</i>)	481-578 mg/l, 96 hours

*Estimates for product may be based on additional component data not shown.

PERSISTENCE AND DEGRADABILITY:

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No data is available on the degradability of this product.

BIOACCUMULATIVE POTENTIAL:

No data available.

Partition Coefficient N-Octanol / Water (log Kow)

Cyclohexanone	0.81
Isobutane	2.76
Propane	2.36

MOBILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS:

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal considerations

13.1 Disposal Instructions

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.

13.2 Local Disposal Regulations

Dispose in accordance with all applicable regulations.

13.3 Hazardous Waste Code

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

US RCRA Hazardous Waste U List: Reference

Cyclohexanone (CAS 108-94-1) - U057

13.4 Waste from Residues/Unused Products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

13.5 Contaminated Packaging

Empty 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.

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SECTION 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.
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 12/31/2020 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	NO
ERG CODE	10L
SPECIAL PRECAUTIONS FOR USER	READ SAFETY INSTRUCTIONS, SDS AND EMERGENCY PROCEDURES BEFORE HANDLING.
OTHER INFORMATION	
PASSENGER AND CARGO AIRCRAFT	ALLOWED

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IATA	
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	NO.
EmS	F-D, S-U
SPECIAL PRECAUTIONS FOR USER	READ SAFETY INSTRUCTIONS, SDS AND EMERGENCY PROCEDURES BEFORE HANDLING
PACKAGING EXCEPTIONS	LTD QTY
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	NOT APPLICABLE

14.2.1 DOT



14.2.2 IATA; IMDG



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SECTION 15: Regulatory information

15.1 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)

Cyclohexanone (CAS 108-94-1) Listed.

SARA 304 Emergency Release Notification

Not Regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not Listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

SARA 302 Extremely Hazardous Substance

Not Listed.

SARA 311/312 Hazardous Chemical

No.

SARA 313 (TRI Reporting)

Not Regulated.

OTHER FEDERAL REGULATIONS

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not Regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Isobutane (CAS 75-28-5)

Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA)

Not Regulated.

15.2 US State Regulations

US. MASSACHUSETTS RTK - SUBSTANCE LIST

Cyclohexanone (CAS 108-94-1)

Isobutane (CAS 75-28-5)

Propane (CAS 74-98-6)

US. NEW JERSEY WORKER AND COMMUNITY RIGHT-TO-KNOW ACT

Cyclohexanone (CAS 108-94-1)

Isobutane (CAS 75-28-5)

Propane (CAS 74-98-6)

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US. PENNSYLVANIA WORKER AND COMMUNITY RIGHT-TO-KNOW LAW

Cyclohexanone (CAS 108-94-1)

Isobutane (CAS 75-28-5)

Propane (CAS 74-98-6)

US. RHODE ISLAND RTK

Cyclohexanone (CAS 108-94-1)

Isobutane (CAS 75-28-5)

Propane (CAS 74-98-6)

US. CALIFORNIA PROPOSITION 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

15.3 International Inventories

Country(s) or Region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*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).

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SECTION 16: Other information

16.1 Issue Date

07-13-2015

16.2 Version

01

16.3 Disclaimer

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 designation and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.