



# Safety Data Sheet

## 1. Identification

**Product Information.** 4490536

**Product Name:** TotalBoat Outdrive AF Aerosol

**Recommended Use.** Paints

**Uses advised against.** Read label instructions and SDS

**Supplier.** TOTALBOAT LLC  
17 Peckham Drive  
Bristol, Rhode Island 02809  
1-800-497-0010

**Emergency telephone number.** Infotrac US & Canada: 1-800-535-5053  
Infotrac International: 1-352-323-3500  
24 hrs./day, 7 days/week

## 2. Hazards Identification

### GHS Classification in accordance with 29 CFR 1910.1200

Carc. 1B, Comp. Gas, Eye Dam. 1, Fl Aer, 1, Muta. 1B, STOT SE 3 NE

### GHS Pictograms



### Signal Word

Danger

### Unknown Acute Toxicity

83.6% of the mixture consists of ingredient(s) of unknown acute toxicity

### HAZARD STATEMENTS

Extremely flammable aerosol.

Contains gas under pressure; may explode if heated.

Causes serious eye damage.

May cause drowsiness or dizziness.

May cause genetic defects.

May cause cancer.

### Precautionary Statements - Prevention.

Obtain special instructions before use.

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

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.

Wear protective gloves/protective clothing/eye protection/face protection

### Precautionary Statements - Response.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If exposed or concerned: Get medical advice/attention.

Immediately call a poison center/doctor.

#### **Precautionary Statements - Storage.**

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Protect from sunlight. Store in a well-ventilated place.

Store at temperatures not exceeding 50 °C/122 °F. Protect from sunlight.

#### **Precautionary Statements - Disposal.**

Dispose of contents in accordance with local/regional/national/international regulations.

### **3. Composition/Information on Ingredients**

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>
ACETONE	67-64-1	10-25
Zinc oxide	1314-13-2	10-25
Propane	74-98-6	10-25
Butane	106-97-8	2.5-10
n-Propanol	71-23-8	2.5-10
Ethyl, 3-Ethoxypropionate	763-69-9	2.5-10
N-Butyl Acetate	123-86-4	2.5-10
Talc	14807-96-6	2.5-10
Petroleum distillates, light aromatic	64742-95-6	1.0-2.5
MAGNESITE	546-93-0	1.0-2.5
Zinc, bis[1-(hydroxy-kO)-2(1H)-pyridinethionato-kS2]-, (T-4)-	13463-41-7	1.0-2.5
Carbon black	1333-86-4	0.1-1.0
Heavy aromatic naptha	64742-94-5	0.1-1.0

The exact percentage (concentration) of composition has been withheld as a trade secret.

### **4. First-aid Measures**

#### **Description of first-aid measures.**

##### **General advice.**

Move victim to a safe isolated area. Immediate medical attention is required. Call a poison control center or doctor for treatment advice.

##### **Inhalation.**

Move to fresh air. Apply artificial respiration if victim is not breathing. Call a poison control center or doctor for treatment advice.

##### **Skin contact.**

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. Remove and wash contaminated clothing before re-use. Call a poison control center or doctor for treatment advice.

##### **Eye contact.**

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a poison control center or doctor for treatment advice.

##### **Ingestion.**

Do not induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. If swallowed, call a poison control center or doctor immediately.

**Symptoms.**

See Section 2 and Section 11, Toxicological effects for description of potential symptoms.

**Notes to physician.**

Treat symptomatically. Smallest quantities reaching the lungs through swallowing or subsequent vomiting may result in lung edema or pneumonia.

## 5. Fire-fighting Measures

**Extinguishing media.****Suitable extinguishing media.**

Use: Dry powder. Alcohol-resistant foam. Carbon dioxide (CO<sub>2</sub>). Water may be used to cool and prevent the rupture of containers that are exposed to the heat from a fire.

**Extinguishing media which shall not be used for safety reasons.**

Water may be unsuitable for extinguishing fires.

**Special hazards arising from the substance or mixture.**

Vapors may travel to areas away from work site before igniting/flashing back to vapor source. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Most vapors are heavier than air. Vapors may spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapors may travel to source of ignition and flash back. Possible formation of carbon oxides, nitrogen oxides, and hazardous organic compounds. Air/vapor mixtures may explode when ignited. Containers may explode when heated.

**Advice for firefighters.**

Evacuate personnel to safe areas. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures.****Personal precautions.**

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. All equipment used when handling the product must be grounded. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Wear protective gloves/clothing and eye/face protection. Stop all work that requires a naked flame, stop all vehicles, stop all machines and equipment that may cause sparks or flames. Do not breathe vapors or spray mist. Avoid exceeding of the given occupational exposure limits (see section 8). Thoroughly decontaminate all protective equipment after use.

**Advice for emergency responders.**

Refer to protective measures listed in sections 7 and 8. Use personal protection recommended in Section 8.

**Environmental precautions.**

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological information.

**Methods and materials for containment and cleaning up.****Methods for Containment.**

Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. Ground and bond containers when transferring material. Take precautionary measures against static discharges. Use personal protective equipment. Remove all sources of ignition.

**Methods for cleaning up.**

Prevent further leakage or spillage if safe to do so. Keep away from open flames, hot surfaces and sources of ignition. Keep in suitable and closed containers for disposal. All equipment used when handling the product must be grounded. Keep combustibles (wood, paper, oil, etc) away from spilled material. Ventilate the area. Use personal protective equipment as required. Shut off ignition sources; including electrical equipment and flames. Clean contaminated objects and areas thoroughly while observing environmental regulations. Never return spills in original containers for re-use.

#### **Reference to other sections.**

See section 8 for more information.

## **7. Handling and Storage**

#### **Conditions for safe storage, including any incompatibilities.**

##### **Advice on safe handling.**

Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Do not breathe vapors or spray mist. Use according to package label instructions. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Wash hands before breaks and immediately after handling the product. Ground and bond containers when transferring material. All equipment used when handling the product must be grounded.

##### **Hygiene measures.**

Handle in accordance with good industrial hygiene and safety practice for diagnostics. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

##### **Storage Conditions.**

Keep container closed when not in use. Keep in properly labeled containers. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in accordance with local regulations. Keep from freezing. Keep away from food, drink and animal feedingstuffs. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

## **8. Exposure Controls/Personal Protection**

#### **Ingredients with Occupational Exposure Limits**

<b><u>Chemical Name</u></b>	<b><u>ACGIH TLV-TWA</u></b>	<b><u>ACGIH-TLV STEL</u></b>	<b><u>OSHA PEL-TWA</u></b>	<b><u>OSHA PEL-CEILING</u></b>
ACETONE	250 ppm	500 ppm	1000 ppm	N.E.
Zinc oxide	2 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	N.E.
Propane	N.E.	N.E.	1000 ppm	N.E.
Butane	N.E.	1000 ppm	N.E.	N.E.
n-Propanol	100 ppm	N.E.	200 ppm	N.E.
N-Butyl Acetate	50 ppm	150 ppm	150 ppm	N.E.
Talc	2 mg/m <sup>3</sup>	N.E.	N.E.	N.E.
Carbon black	3 mg/m <sup>3</sup>	N.E.	3.5 mg/m <sup>3</sup>	N.E.

TLV = Threshold Limit Value TWA = Time Weighted Average PEL = Permissible Exposure Limit STEL = Short-Term Exposure Limit N.E. = Not Established

##### **Engineering Measures.**

Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits.

##### **Personal protective equipment.**

##### **Eye/Face Protection.**

If splashes are likely to occur, wear:. Face-shield. Safety glasses with side-shields. Tightly fitting safety goggles.

##### **Skin and body protection.**

Use.: Long sleeved clothing. Protective shoes or boots. Solvent-resistant gloves. Solvent-resistant apron and boots. Wear impervious gloves and/or clothing if needed to prevent contact with the material. Gloves must be inspected prior to use. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Remove and wash contaminated clothing before re-use.

#### **Respiratory protection.**

In case of inadequate ventilation wear respiratory protection. If exposure limits are exceeded or irritation is experienced, respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

## **9. Physical and chemical properties.**

### **Information on basic physical and chemical properties.**

Physical state	Aerosol
Appearance	No Information
Color	Black
Odor	Hydrocarbon-like
Odor Threshold	No Information
pH	No Information
Melting/freezing point., °C (°F)	No Information
Flash Point., °C (°F)	<-18 (<-0.40)
Boiling point/boiling range., °C (°F)	56 - 3,600 (132.8 - 6512)
Evaporation rate	No Information Available
Explosive properties.	No Information
Vapor pressure.	No Information
Vapor density.	No Information
Specific Gravity. (g/cm <sup>3</sup> )	0.920
Water solubility.	No Information
Partition coefficient.	No Information
Autoignition temperature., °C	No Information
Decomposition Temperature °C.	No Information
Viscosity, kinematic.	20

### **Other information.**

Volatile organic compounds (VOC) content.	No Information
Density, lb/gal	7.660

## **10. Stability and Reactivity**

### **Reactivity.**

Stable under normal conditions.

### **Chemical stability.**

Stable under recommended storage conditions.

### **Possibility of hazardous reactions.**

None under normal processing.

### **Conditions to Avoid.**

Heat (temperatures above flash point), sparks, ignition points, flames, static electricity. Keep away from heat and sources of ignition. Do not freeze.

**Incompatible Materials.**

None known based on information supplied.

**Hazardous Decomposition Products.**

Thermal decomposition can lead to release of irritating gases and vapours. Possible formation of carbon oxides, nitrogen oxides, and hazardous organic compounds.

**11. Toxicological Information****Information on toxicological effects.**

Acute toxicity.

**Product Information**

No Information

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 5,725.8 mg/kg

ATEmix (dermal) 2,534.2 mg/kg

ATEmix (inhalation - vapor) 77.20 mg/l

**Component Information.**

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>LD50 Oral</u>	<u>LD50 Dermal</u>	<u>LC50 Inhalation</u>
67-64-1	ACETONE	6006 mg/kg Rat	2002 mg/kg Rat	50.1 mg/L Rat (Vapor)
1314-13-2	Zinc oxide	>5000 mg/kg Rat	N.I.	N.I.
74-98-6	Propane	N.I.	N.I.	>800000 ppm Rat (Gas/Mist)
106-97-8	Butane	N.I.	N.I.	658 mg/L Rat (Vapor)
71-23-8	n-Propanol	1870 mg/kg Rat	4049 mg/kg Rabbit	>13548 ppm Rat (Gas/Mist)
763-69-9	Ethyl, 3-Ethoxypropionate	5000 mg/kg Rat	>9500 mg/kg Rabbit	>5.96 mg/L Rat (Vapor)
123-86-4	N-Butyl Acetate	10768 mg/kg Rat	>17600 mg/kg Rabbit	21 mg/l (Vapor)
64742-95-6	Petroleum distillates, light aromatic	8400 mg/kg Rat	>2000 mg/kg Rabbit	3400 ppm Rat (Gas/Mist)
13463-41-7	Zinc, bis[1-(hydroxy-kO)-2(1H)-pyridinethionato-kS2]-, (T-4)-	177 mg/kg Rat	100 mg/kg Rabbit	N.I.
1333-86-4	Carbon black	>15400 mg/kg Rat	N.I.	N.I.
64742-94-5	Heavy aromatic naptha	>5000 mg/kg Rat	>240 mg/kg Rabbit	>.6 mg/L Rat (Vapor)

N.I. = No Information

**Skin corrosion/irritation.**

Corrosive to skin. Contact with skin may cause irritation or severe burns and scarring. SKIN IRRITANT.

**Eye damage/irritation.**

Direct eye contact may cause severe irritation or burns. If not immediately removed, may cause permanent eye damage.

**Respiratory or skin sensitization.**

No Information

**Ingestion.**

May be harmful if swallowed. Aspiration into lungs may cause pulmonary edema and chemical pneumonitis.

**Germ cell mutagenicity.**

No Information

**Carcinogenicity.**

No Information

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
14807-96-6	Talc	IARC Group 3	-	-
1333-86-4	Carbon black	IARC Group 2B	-	-

**Reproductive toxicity.**

No Information

**Specific target organ systemic toxicity (single exposure).**

No Information

**Specific target organ systemic toxicity (repeated exposure).**

May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard.**

No Information

**Primary Route(s) of Entry**

No Information

**12. Ecological Information****Toxicity.**

25.45% of the mixture consists of ingredient(s) of unknown aquatic toxicity

**Ecotoxicity effects.**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
ACETONE 67-64-1	-	LC50 96 h Oncorhynchus mykiss 4.74 - 6.33 mL/L, LC50 96 h Pimephales promelas 6210 - 8120 mg/L, LC50 96 h Lepomis macrochirus 8300 mg/L	EC50 48 h Daphnia magna 10294 - 17704 mg/L, EC50 48 h Daphnia magna 12600 - 12700 mg/L
Zinc oxide 1314-13-2	-	LC50 96 h Danio rerio 1.55 mg/L	-
n-Propanol 71-23-8	-	LC50 96 h Pimephales promelas 4480 mg/L	EC50 48 h Daphnia magna 3642 mg/L, EC50 48 h Daphnia magna 3339 - 3977 mg/L
Ethyl, 3-Ethoxypropionate 763-69-9	-	LC50 96 h Pimephales promelas 62 mg/L	EC50 48 h Daphnia magna 970 mg/L
N-Butyl Acetate 123-86-4	EC50 72 h Desmodesmus subspicatus 674.7 mg/L	LC50 96 h Lepomis macrochirus 100 mg/L, LC50 96 h Pimephales promelas 17 - 19 mg/L	-
Talc 14807-96-6	-	LC50 96 h Brachydanio rerio >100 g/L	-
Petroleum distillates, light aromatic 64742-95-6	-	LC50 96 h Oncorhynchus mykiss 9.22 mg/L	EC50 48 h Daphnia magna 6.14 mg/L
Heavy aromatic naptha 64742-94-5	-	LC50 96 h Pimephales promelas 19 mg/L, LC50 96 h Oncorhynchus mykiss 2.34 mg/L, LC50 96 h Lepomis macrochirus 1740 mg/L, LC50 96 h Pimephales promelas 45 mg/L, LC50 96 h Pimephales promelas 41 mg/L	EC50 48 h Daphnia magna 0.95 mg/L

**Persistence and degradability.**

No data are available on the product itself.

**Bioaccumulative potential.**

Discharge into the environment must be avoided.

<b>CAS-No.</b>	<b>Chemical Name</b>	<b>log POW</b>
67-64-1	ACETONE	-0.24
74-98-6	Propane	2.3
106-97-8	Butane	2.89
71-23-8	n-Propanol	0.25 - 0.34
763-69-9	Ethyl, 3-Ethoxypropionate	1.35
123-86-4	N-Butyl Acetate	1.81
64742-94-5	Heavy aromatic naptha	2.9 - 6.1

**Mobility in soil.**

No information

**Other adverse effects.**

No information

## 13. Disposal Considerations

**Waste Disposal Guidance.**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes can not be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport Information

**DOT**

**Shipping Name:** Aerosols  
**Hazard Class:** 2.1  
**UN/NA Number:** 1950  
**Packing Group:** II  
**Additional Information:** DOT Ground - 'Non-bulk' shipments may be non-regulated per 49CFR 173.150(f)(2). Not regulated (If shipped In non-bulk packaging By ground transport).  
 Limited Quantity: This product may be reclassified as Consumer Commodity, ORM-D, When shipped By ground; packaging quantity limitations apply (i.e. Quarts, Gallons).

**IMDG**

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**Proper Shipping Name:** Paint  
**Hazard Class:** 3  
**UN Number:** 1263  
**Packing Group:** III

**IATA**

**Proper Shipping Name:** UN1263, Paint  
**Hazard Class:** 3  
**Packing Group:** III



## 15. Regulatory Information

### International Inventories:

TSCA Complies

DSL -

DSL/NDSL -

EINECS/ELINCS -

ENCS -

IECSC -

KECI -

PICCS -

AICS -

NZIoC -

#### TCSI

TSCA United States Toxic Substances Control Act Section 8(b) Inventory.

DSL Canadian Domestic Substances List.

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

EINECS/ELINCS European Inventory of Existing Chemical Substances/European 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.

NZIoC New Zealand Inventory of Chemicals.

TCSI Taiwan Chemical Substance Inventory

### U.S. Federal Regulations:

#### SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372: .

This product does not contain any chemicals that are subject to the reporting requirements of SARA 313.

#### TOXIC SUBSTANCES CONTROL ACT 12(b):

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:.

This product does not contain any chemicals that are subject to the reporting requirements of TSCA 12(b).

#### U.S. EPA PESTICIDE INFORMATION

**EPA Pesticide Registration Number:** 60061-120

**EPA STATEMENT:** This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**EPA PESTICIDE LABEL:** DANGER. Extremely Flammable. Contents Under Pressure. Corrosive. Causes skin burns and moderate eye irritation.

#### CALIFORNIA PROPOSITION 65 CARCINOGENS



### WARNING

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:.

Chemical Name

CAS-No.

Carbon black	1333-86-4
Naphthalene	91-20-3
Ethyl Benzene	100-41-4
Benzene, (1-methylethyl)-	98-82-8
Lead	7439-92-1
Crystalline silica (Quartz) (Respirable)	14808-60-7

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS****WARNING**

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

**Chemical Name**

Lead

**CAS-No.**

7439-92-1

**16. Other Information**

<b>Revision Date:</b>	1/21/2020	<b>Supersedes Date:</b>	New SDS
<b>Reason for revision:</b>	No Information		
<b>Datasheet produced by:</b>	Regulatory Department		

**HMIS Ratings:**

<b>Health:</b>	2*	<b>Flammability:</b>	4	<b>Physical Hazard:</b>	0	<b>Personal Protection:</b>	X
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**NFPA Ratings:**

<b>Health:</b>	2	<b>Flammability:</b>	4	<b>Instability:</b>	0	<b>Physical &amp; Chemical:</b>	--
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Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.