

The following are Material Safety Data Sheets for different paramotor motors. These are extremely useful to present to unreasonable bureaucrats when they confront you about the safety of travelling with a motor.



**MATERIAL SAFETY DATA SHEET**  
**Polini Thor Motors**

**I. PRODUCT IDENTIFICATION:**

Manufacturer: Polini Motori  
 Trade Name: Thor 80  
 Type: 2 Stroke Cycle Engine, Displacement 80cc

**II. COMPONENTS & HAZARD STATEMENT:**

This product is non-hazardous.  
 The product contains no known carcinogens.  
 No special warning labels are required under OSHA CFR 1910.1200.

**III. PHYSICAL DATA:**

Boiling Point: Not Applicable n/e  
 Vapor Pressure: Negligible  
 Appearance & Odor: Metallic color —Bland odor  
 Other Data: Non-toxic USDA H-2 approved

**IV. FIRE & EXPLOSION HAZARD DATA:**

Extinguishing Media: Dry Chemical; CO2 Foam; Water Spray  
 Special Fire Fighting Procedure: Not Applicable n/e  
 Autoigniton Temperature: Not Applicable n/e

**V. HEALTH HAZARD DATA:**

Exposure Limits: Not Applicable n/e  
 Oral (Acute): Not Applicable n/e  
 Dermal (Acute): Not Applicable n/e  
 Eye: Not Applicable n/e  
 Inhalation (Acute): Not Applicable n/e  
 Chronic, Subchronic, Etc.: Not Applicable n/e

**VI. EMPLOYEE PROTECTION:**

For general personal hygiene, wash hands after handling material. Avoid contact with skin and eyes.

**VII. STORAGE, SPILL & DISPOLSAL PROCEDURES:**

Storage: Store in clean dry area.  
 Spills: Not Applicable n/e

**VIII. HAZARD RATING INFORMATION:**

Protection Association Hazard Identification:

	HMIS	KEY
Health:	0	0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe B=Gloves, Goggles
Flammability:	0	
Reactivity:	0	
Personal Protection:	B	



**MATERIAL SAFETY DATA SHEET**  
**Polini Thor Motors**

**IX. PRODUCT IDENTIFICATION:**

Manufacturer: Polini Motori  
 Trade Name: Thor 190  
 Type: 2 Stroke Cycle Engine, Displacement 190cc

**X. COMPONENTS & HAZARD STATEMENT:**

This product is non-hazardous.  
 The product contains no known carcinogens.  
 No special warning labels are required under OSHA CFR 1910.1200.

**XI. PHYSICAL DATA:**

Boiling Point: Not Applicable n/e  
 Vapor Pressure: Negligible  
 Appearance & Odor: Metallic color —Bland odor  
 Other Data: Non-toxic USDA H-2 approved

**XII. FIRE & EXPLOSION HAZARD DATA:**

Extinguishing Media: Dry Chemical; CO2 Foam; Water Spray  
 Special Fire Fighting Procedure: Not Applicable n/e  
 Autoigniton Temperature: Not Applicable n/e

**XIII. HEALTH HAZARD DATA:**

Exposure Limits: Not Applicable n/e  
 Oral (Acute): Not Applicable n/e  
 Dermal (Acute): Not Applicable n/e  
 Eye: Not Applicable n/e  
 Inhalation (Acute): Not Applicable n/e  
 Chronic, Subchronic, Etc.: Not Applicable n/e

**XIV.**

**EMPLOYEE PROTECTION:**

For general personal hygiene, wash hands after handling material. Avoid contact with skin and eyes.

**XV. STORAGE, SPILL & DISPOLSAL PROCEDURES:**

Storage: Store in clean dry area.  
 Spills: Not Applicable n/e

**XVI.**

**HAZARD RATING INFORMATION:**

Protection Association Hazard Identification:

	HMIS	KEY
Health:	0	0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe B=Gloves, Goggles
Flammability:	0	
Reactivity:	0	
Personal Protection:	B	



**MATERIAL SAFETY DATA SHEET**  
**Polini Thor Motors**

**I. PRODUCT IDENTIFICATION:**

Manufacturer: Polini Motori  
 Trade Name: Thor 200  
 Type: 2 Stroke Cycle Engine, Displacement 200cc

**II. COMPONENTS & HAZARD STATEMENT:**

This product is non-hazardous.  
 The product contains no known carcinogens.  
 No special warning labels are required under OSHA CFR 1910.1200.

**III. PHYSICAL DATA:**

Boiling Point: Not Applicable n/e  
 Vapor Pressure: Negligible  
 Appearance & Odor: Metallic color —Bland odor  
 Other Data: Non-toxic USDA H-2 approved

**IV. FIRE & EXPLOSION HAZARD DATA:**

Extinguishing Media: Dry Chemical; CO2 Foam; Water Spray  
 Special Fire Fighting Procedure: Not Applicable n/e  
 Autoigniton Temperature: Not Applicable n/e

**V. HEALTH HAZARD DATA:**

Exposure Limits: Not Applicable n/e  
 Oral (Acute): Not Applicable n/e  
 Dermal (Acute): Not Applicable n/e  
 Eye: Not Applicable n/e  
 Inhalation (Acute): Not Applicable n/e  
 Chronic, Subchronic, Etc.: Not Applicable n/e

**VI. EMPLOYEE PROTECTION:**

For general personal hygiene, wash hands after handling material. Avoid contact with skin and eyes.

**VII. STORAGE, SPILL & DISPOLSAL PROCEDURES:**

Storage: Store in clean dry area.  
 Spills: Not Applicable n/e

**VIII. HAZARD RATING INFORMATION:**

Protection Association Hazard Identification:

	HMIS	KEY
Health:	0	0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe B=Gloves, Goggles
Flammability:	0	
Reactivity:	0	
Personal Protection:	B	



**MATERIAL SAFETY DATA SHEET**  
**Polini Thor Motors**

**I. PRODUCT IDENTIFICATION:**

Manufacturer: Polini Motori  
 Trade Name: Thor 250  
 Type: 2 Stroke Cycle Engine, Displacement 250cc

**II. COMPONENTS & HAZARD STATEMENT:**

This product is non-hazardous.  
 The product contains no known carcinogens.  
 No special warning labels are required under OSHA CFR 1910.1200.

**III. PHYSICAL DATA:**

Boiling Point: Not Applicable n/e  
 Vapor Pressure: Negligible  
 Appearance & Odor: Metallic color —Bland odor  
 Other Data: Non-toxic USDA H-2 approved

**IV. FIRE & EXPLOSION HAZARD DATA:**

Extinguishing Media: Dry Chemical; CO2 Foam; Water Spray  
 Special Fire Fighting Procedure: Not Applicable n/e  
 Autoigniton Temperature: Not Applicable n/e

**V. HEALTH HAZARD DATA:**

Exposure Limits: Not Applicable n/e  
 Oral (Acute): Not Applicable n/e  
 Dermal (Acute): Not Applicable n/e  
 Eye: Not Applicable n/e  
 Inhalation (Acute): Not Applicable n/e  
 Chronic, Subchronic, Etc.: Not Applicable n/e

**VI. EMPLOYEE PROTECTION:**

For general personal hygiene, wash hands after handling material. Avoid contact with skin and eyes.

**VII. STORAGE, SPILL & DISPOLSAL PROCEDURES:**

Storage: Store in clean dry area.  
 Spills: Not Applicable n/e

**VIII. HAZARD RATING INFORMATION:**

Protection Association Hazard Identification:

	HMIS	KEY
Health:	0	0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe B=Gloves, Goggles
Flammability:	0	
Reactivity:	0	
Personal Protection:	B	



MATERIAL SAFETY DATA SHEET  
Top80 Engine

I. PRODUCT IDENTIFICATION:

Manufacturer: Miniplane  
Trade Name: Top80  
Type: 2 Stroke Cycle Engine, Displacement 80cc

II. COMPONENTS & HAZARD STATEMENT:

This product is non-hazardous.  
The product contains no known carcinogens.  
No special warning labels are required under OSHA CFR 1910.1200.

III. PHYSICAL DATA:

Boiling Point: Not Applicable n/e  
Vapor Pressure: Negligible  
Appearance & Odor: Metallic color —Bland odor  
Other Data: Non-toxic USDA H-2 approved

IV. FIRE & EXPLOSION HAZARD DATA:

Extinguishing Media: Dry Chemical; CO2 Foam; Water Spray  
Special Fire Fighting Procedure: Not Applicable n/e  
Autoigniton Temperature: Not Applicable n/e

V. HEALTH HAZARD DATA:

Exposure Limits: Not Applicable n/e  
Oral (Acute): Not Applicable n/e  
Dermal (Acute): Not Applicable n/e  
Eye: Not Applicable n/e  
Inhalation (Acute): Not Applicable n/e  
Chronic, Subchronic, Etc.: Not Applicable n/e

VI. EMPLOYEE PROTECTION:

For general personal hygiene, wash hands after handling material. Avoid contact with skin and eyes.

VII. STORAGE, SPILL & DISPOLSAL PROCEDURES:

Storage: Store in clean dry area.  
Spills: Not Applicable n/e

VIII.HAZARD RATING INFORMATION:

Protection Association Hazard Identification:

	HMIS	KEY
Health:	0	O=Minimal
Flammability:	0	1=Slight
Reactivity:	0	2=Moderate
Personal Protection:	B	3=Serious
		4=Severe
		B=Gloves, Goggles

# Vittorazi

## MATERIAL SAFETY DATA SHEET

### Vittorazi Motors

**I. PRODUCT IDENTIFICATION:**

Manufacturer: Vittorazi Motors  
 Trade Name: Atom 80  
 Type: 2 Stroke Cycle Engine, Displacement 80cc

**II. COMPONENTS & HAZARD STATEMENT:**

This product is non-hazardous.  
 The product contains no known carcinogens.  
 No special warning labels are required under OSHA CFR 1910.1200.

**III. PHYSICAL DATA:**

Boiling Point: Not Applicable n/e  
 Vapor Pressure: Negligible  
 Appearance & Odor: Metallic color —Bland odor  
 Other Data: Non-toxic USDA H-2 approved

**IV. FIRE & EXPLOSION HAZARD DATA:**

Extinguishing Media: Dry Chemical; CO2 Foam; Water Spray  
 Special Fire Fighting Procedure: Not Applicable n/e  
 Autoigniton Temperature: Not Applicable n/e

**V. HEALTH HAZARD DATA:**

Exposure Limits: Not Applicable n/e  
 Oral (Acute): Not Applicable n/e  
 Dermal (Acute): Not Applicable n/e  
 Eye: Not Applicable n/e  
 Inhalation (Acute): Not Applicable n/e  
 Chronic, Subchronic, Etc.: Not Applicable n/e

**VI. EMPLOYEE PROTECTION:**

For general personal hygiene, wash hands after handling material. Avoid contact with skin and eyes.

**VII. STORAGE, SPILL & DISPOLSAL PROCEDURES:**

Storage: Store in clean dry area.  
 Spills: Not Applicable n/e

**VIII. HAZARD RATING INFORMATION:**

Protection Association Hazard Identification:

	HMIS	KEY
Health:	0	O=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe B=Gloves, Goggles
Flammability:	0	
Reactivity:	0	
Personal Protection:	B	

# VITTORAZI

## MATERIAL SAFETY DATA SHEET

### Vittorazi Motors

**IX. PRODUCT IDENTIFICATION:**

Manufacturer: Vittorazi Motors  
 Trade Name: Moster 185  
 Type: 2 Stroke Cycle Engine, Displacement 185cc

**X. COMPONENTS & HAZARD STATEMENT:**

This product is non-hazardous.  
 The product contains no known carcinogens.  
 No special warning labels are required under OSHA CFR 1910.1200.

**XI. PHYSICAL DATA:**

Boiling Point: Not Applicable n/e  
 Vapor Pressure: Negligible  
 Appearance & Odor: Metallic color —Bland odor  
 Other Data: Non-toxic USDA H-2 approved

**XII. FIRE & EXPLOSION HAZARD DATA:**

Extinguishing Media: Dry Chemical; CO2 Foam; Water Spray  
 Special Fire Fighting Procedure: Not Applicable n/e  
 Autoigniton Temperature: Not Applicable n/e

**XIII. HEALTH HAZARD DATA:**

Exposure Limits: Not Applicable n/e  
 Oral (Acute): Not Applicable n/e  
 Dermal (Acute): Not Applicable n/e  
 Eye: Not Applicable n/e  
 Inhalation (Acute): Not Applicable n/e  
 Chronic, Subchronic, Etc.: Not Applicable n/e

**XIV.**

**EMPLOYEE PROTECTION:**

For general personal hygiene, wash hands after handling material. Avoid contact with skin and eyes.

**XV. STORAGE, SPILL & DISPOLSAL PROCEDURES:**

Storage: Store in clean dry area.  
 Spills: Not Applicable n/e

**XVI.**

**HAZARD RATING INFORMATION:**

Protection Association Hazard Identification:

	HMIS	KEY
Health:	0	0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe B=Gloves, Goggles
Flammability:	0	
Reactivity:	0	
Personal Protection:	B	