## SAFETY DATA SHEET.



Issuing date 03-Apr-2015 Revision Date 03-Apr-2015 Version 1

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name TRIM BLACK

Recommended use of the chemical

and restrictions on use

Product code HT 810

Product Type Extremely flammable aerosol

Synonyms None

Supplier's details

Recommended Use Dye.

Uses advised against No information available

Manufactured For: Hi-Tech Industries 33106 W. 8 Mile Farmington, MI 48336

Company Telephone: 248-358-2626

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Chemical Emergency Phone INFOTRAC 1-352-323-3500 (International)

**Number** 1-800-535-5053 (North America)

### 2. HAZARDS IDENTIFICATION

#### Classification

| Skin corrosion/irritation                          | Category 2     |
|--|----------------|
| Serious eye damage/eye irritation                  | Category 2A    |
| Carcinogenicity                                    | Category 2     |
| Reproductive Toxicity                              | Category 2     |
| Specific target organ toxicity (single exposure)   | Category 3     |
| Specific target organ toxicity (repeated exposure) | Category 2     |
| Aspiration toxicity                                | Category 1     |
| Flammable aerosols                                 | Category 1     |
| Gases under pressure                               | Compressed Gas |

# GHS Label elements, including precautionary statements

#### **Emergency Overview**

#### DANGER

#### Hazard Statements

Causes skin irritation

Causes serious eye irritation

Suspected of causing cancer

Suspected of damaging fertility or the unborn child

May cause drowsiness or dizziness

May cause damage to organs (Central Nervous System, Central Vascular System, Eyes, Kidney, Liver, Skin, and Respiratory System) through prolonged or repeated exposure.

May be fatal if swallowed and enters airways

Extremely flammable aerosol

Contains gas under pressure; may explode if heated



Appearance opaque Physical state Aerosol Odor Solvent

### **Precautionary Statements - Prevention**

Obtain special instructions before use

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

Wash face, hands and any exposed skin thoroughly after handling

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

Do not breathe dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

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

### **Precautionary Statements - Response**

If exposed or concerned: Get medical advice/attention

Specific treatment (see first aid on this label)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash before reuse

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Do NOT induce vomiting

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

Store locked up

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

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

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

Dispose of contents/container to an approved waste disposal plant

### Hazards not otherwise classified (HNOC)

None

#### Other information

Toxic to aquatic life with long lasting effects

0% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name              | CAS-No     | Weight %* |
|----------------------------|------------|-----------|
| PROPANE/ISOBUTANE/N-BUTANE | 68476-86-8 | 20-30     |
| ACETONE                    | 67-64-1    | 20-30     |
| TOLUENE                    | 108-88-3   | 1-10      |
| 2-BUTANONE                 | 78-93-3    | 1-10      |
| XYLENE                     | 1330-20-7  | 1-10      |
| LIGHT HYDROTREATED NAPHTHA | 64742-49-0 | 1-10      |
| TALC                       | 14807-96-6 | 1-10      |
| ETHYL BENZENE              | 100-41-4   | 1-10      |
| AROMATIC HYDROCARBON       | 64742-95-6 | 0.1-1     |
| CARBON BLACK               | 1333-86-4  | 0.1-1     |

<sup>\*</sup>The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### First aid measures for different exposure routes

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep

eye wide open while rinsing. If irritation persists, call a physician.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes. If symptoms persist, call a physician.

**Inhalation** Move to fresh air. If breathing is difficult, give oxygen. Artificial respiration and/or oxygen

may be necessary. If breathing has stopped, contact emergency medical services

immediately.

Ingestion Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious

person. Call a physician or Poison Control Center immediately.

#### Most important symptoms/effects, acute and delayed

**Main Symptoms** Causes skin and eye irritation. Irritating to respiratory system. May cause drowsiness or

dizziness. May damage to fertility or the unborn child. May cause cancer. Harmful or fatal

if swallowed and enters airways. Causes damage to organs through prolonged or

repeated exposure.

#### Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Foam, dry chemical, carbon dixoide, or fine water spray. Water fog.Dry chemical. Carbon dixxide (CO2). Cool containers/tanks with water spray.

Unsuitable Extinguishing Media Keep away from heat and sources of ignition. Cool containers / tanks with water spray.

#### Specific hazards arising from the chemical

Extremely flammable. In the event of fire and/or explosion do not breathe fumes.

#### **Explosion Data**

Sensitivity to Mechanical Impact none. Sensitivity to Static Discharge

#### **Protective Equipment and Precautions for Firefighters**

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 eyes. Avoid breathing vapors or mists. Contents under pressure. Do not

puncture or incinerate cans. Do no stick pin or any other sharp object into opening on top of

can. Avoid skin contact. Use with adequate ventilation. Keep container away from heat.flames, and all other sources of ignition. Keep can away from all sources of electricity

such as electric motors and batteries. Do not spray on hot surfaces.

#### **Environmental precautions**

Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate **Environmental precautions** 

in low areas. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into

surface water or sanitary sewer system.

#### Methods and materials for containment and cleaning up

**Methods for Containment** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste

container. Stop leak if you can do it without risk.

Methods for cleaning up Pick up and transfer to properly labeled containers. Soak up with inert absorbent material.

Clean contaminated surface thoroughly. After cleaning, flush away traces with water. Take

precautionary measures against static discharges.

### 7. HANDLING AND STORAGE

#### Precautions for safe handling

Advice on safe handling Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not

puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top

of can.

### Conditions for safe storage, including any incompatibilities

Technical measures/Storage

conditions

Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labeled containers. Protect

from light. Keep out of the reach of children. Store locked up.

**Incompatible products** Strong acids, alkalis, or oxidizing agents.

Aerosol Level 2

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Guidelines** 

| Chemical Name              | Chemical Name ACGIH TLV         |   | NIOSH IDLH                             |
|----------------------------|---------------------------------|---|--|
| PROPANE/ISOBUTANE/N-BUTANE | 74-98-6: TWA: 1000 ppm          | 74-98-6:TWA: 1000 ppm                   | 74-98-6:IDLH: 2100 ppm                 |
| 68476-86-8                 | 106-97-8: STEL: 1000 ppm        | TWA: 1800 mg/m <sup>3</sup>             | TWA: 1000 ppm                          |
|                            | 75-28-5: STEL: 1000 ppm         | (vacated) TWA: 1000 ppm                 | TWA: 1800 mg/m <sup>3</sup>            |
|                            |                                 | (vacated) TWA: 1800 mg/m <sup>3</sup>   | 106-97-8:TWA: 800 ppm                  |
|                            |                                 | 106-97-8: (vacated) TWA: 800            | TWA: 1900 mg/m <sup>3</sup>            |
|                            |                                 | ` ppm ´                                 | 75-28-5:TWA: 800 ppm                   |
|                            |                                 | (vacated) TWA: 1900 mg/m <sup>3</sup>   | TWA: 1900 mg/m <sup>3</sup>            |
|                            |                                 | , ,                                     | ŭ                                      |
| ACETONE                    | STEL: 750 ppm                   | TWA: 1000 ppm                           | IDLH: 2500 ppm                         |
| 67-64-1                    | TWA: 500 ppm                    | TWA: 2400 mg/m <sup>3</sup>             | TWA: 250 ppm                           |
|                            |                                 | (vacated) TWA: 750 ppm                  | TWA: 590 mg/m <sup>3</sup>             |
|                            |                                 | (vacated) TWA: 1800 mg/m <sup>3</sup>   | •                                      |
|                            |                                 | (vacated) STEL: 2400 mg/m <sup>3</sup>  |  |
|                            |                                 | The acetone STEL does not apply         |  |
|                            |                                 | to the cellulose acetate fiber          |  |
|                            |                                 | industry. It is in effect for all other |  |
|                            |                                 | sectors                                 |  |
|                            |                                 | (vacated) STEL: 1000 ppm                |  |
| TOLUENE                    | TWA: 20 ppm                     | TWA: 200 ppm                            | IDLH: 500 ppm                          |
| 108-88-3                   | 1                               | (vacated) TWA: 100 ppm                  | TWA: 100 ppm                           |
|                            |                                 | (vacated) TWA: 375 mg/m <sup>3</sup>    | TWA: 375 mg/m <sup>3</sup>             |
|                            |                                 | (vacated) STEL: 150 ppm                 | STEL: 150 ppm                          |
|                            |                                 | (vacated) STEL: 560 mg/m <sup>3</sup>   | STEL: 560 mg/m <sup>3</sup>            |
|                            |                                 | Ceiling: 300 ppm                        | -                                      |
| 2-BUTANONE                 | STEL: 300 ppm                   | TWA: 200 ppm                            | IDLH: 3000 ppm                         |
| 78-93-3                    | TWA: 200 ppm                    | TWA: 590 mg/m <sup>3</sup>              | TWA: 200 ppm                           |
|                            |                                 | (vacated) TWA: 200 ppm                  | TWA: 590 mg/m <sup>3</sup>             |
|                            |                                 | (vacated) TWA: 590 mg/m <sup>3</sup>    | STEL: 300 ppm                          |
|                            |                                 | (vacated) STEL: 300 ppm                 | STEL: 885 mg/m <sup>3</sup>            |
|                            |                                 | (vacated) STEL: 885 mg/m <sup>3</sup>   |  |
| XYLENE                     | STEL: 150 ppm                   | TWA: 100 ppm                            | -                                      |
| 1330-20-7                  | TWA: 100 ppm                    | TWA: 435 mg/m <sup>3</sup>              |  |
|                            |                                 | (vacated) TWA: 100 ppm                  |  |
|                            |                                 | (vacated) TWA: 435 mg/m <sup>3</sup>    |  |
|                            |                                 | (vacated) STEL: 150 ppm                 |  |
|                            |                                 | (vacated) STEL: 655 mg/m <sup>3</sup>   |  |
| TALC                       | TWA: 2 mg/m³ particulate matter |   | IDLH: 1000 mg/m <sup>3</sup>           |
| 14807-96-6                 | containing no asbestos and <1%  | respirable dust <1% Crystalline         | TWA: 2 mg/m <sup>3</sup> containing no |
|                            | crystalline silica, respirable  | silica, containing no Asbestos          | Asbestos and <1% Quartz                |
|                            | fraction                        | TWA: 20 mppcf if 1% Quartz or           | respirable dust                        |
|                            |                                 | more, use Quartz limit                  | -                                      |

| ETHYL BENZENE | TWA: 20 ppm                                 | TWA: 100 ppm                          | IDLH: 800 ppm                              |
|---------------|---|---------------------------------------|--|
| 100-41-4      |   | TWA: 435 mg/m <sup>3</sup>            | TWA: 100 ppm                               |
|               |   | (vacated) TWA: 100 ppm                | TWA: 435 mg/m <sup>3</sup>                 |
|               |   | (vacated) TWA: 435 mg/m <sup>3</sup>  | STEL: 125 ppm                              |
|               |   | (vacated) STEL: 125 ppm               | STEL: 545 mg/m <sup>3</sup>                |
|               |   | (vacated) STEL: 545 mg/m <sup>3</sup> |  |
| CARBON BLACK  | TWA: 3 mg/m <sup>3</sup> inhalable fraction | TWA: 3.5 mg/m <sup>3</sup>            | IDLH: 1750 mg/m <sup>3</sup>               |
| 1333-86-4     |   | (vacated) TWA: 3.5 mg/m <sup>3</sup>  | TWA: 3.5 mg/m <sup>3</sup>                 |
|               |   |                                       | TWA: 0.1 mg/m <sup>3</sup> Carbon black in |
|               |   |                                       | presence of Polycyclic aromatic            |
|               |   |                                       | hydrocarbons PAH                           |

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration) NIOSH IDLH: Immediately Dangerous to Life or Health

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d

962 (11th Cir., 1992).

**Exposure controls** 

Engineering Measures Showers

Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Safety glasses with side-shields.

**Skin and body protection** Chemical resistant apron. Protective gloves.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

Odor

Based on propellant

provided in accordance with current local regulations.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and chemical properties

Physical state Aerosol Appearance opaque

Color black Odor Threshold No information available

<u>Property</u> <u>Values</u> <u>Remarks • Methods</u>

pH No information available
Melting/freezing point No information available
Boiling point/boiling range
Flash Point -97 °C / -143 °F

Evaporation rate No information available Flammability (solid, gas) No information available

Flammability Limits in Air

upper flammability limitNo information availablelower flammability limitNo information availableVapor pressureNo information availableVapor densityNo information available

Specific Gravity 0.792

Water solubility Practically insoluble Partition coefficient: n-octanol/waterNo information available

Autoignition temperature No information available Not applicable

Solvent

Decomposition temperature No information available

Viscosity
No information available
Explosive properties
No information available
No information available

Other information

**VOC Content(%)** 56.95

### 10. STABILITY AND REACTIVITY

#### Reactivity

No data available

#### **Chemical stability**

Stable under recommended storage conditions.

#### Possibility of hazardous reactions

None under normal processing.

#### **Conditions to Avoid**

Extremes of temperature and direct sunlight. Keep away from children. Keep away from open flames, hot surfaces and sources of ignition.

### **Incompatible Materials**

Strong acids, alkalis, or oxidizing agents.

### **Hazardous Decomposition Products**

None known based on information supplied.

### 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### **Product Information**

**Inhalation** Vapors may irritate throat and respiratory system. May cause drownsiness and dizziness

based on components. May cause irritation of respiratory tract. Avoid breathing vapors or

mists.

**Eye contact** Irritating to eyes. Avoid contact with eyes.

**Skin contact** Irritating to skin. Avoid contact with skin.

Ingestion May be harmful if swallowed. Aspiration into the lungs during swallowing may cause serious

lung damage which may be fatal.

**Component Information** 

| Chemical Name                               | LD50 Oral            | LD50 Dermal              | LC50 Inhalation                     |  |  |
|---|----------------------|--------------------------|-------------------------------------|--|--|
| ACETONE<br>67-64-1                          | = 5800 mg/kg         | 20,000 mg/kg (Rabbit)    | = 50100 mg/m <sup>3</sup> (Rat) 8 h |  |  |
| TOLUENE<br>108-88-3                         | = 2600 mg/kg ( Rat ) | = 12000 mg/kg ( Rabbit ) | = 12.5 mg/L (Rat) 4 h               |  |  |
| 2-BUTANONE<br>78-93-3                       | = 2483 mg/kg ( Rat ) | = 5000 mg/kg ( Rabbit )  | = 11700 ppm (Rat) 4 h               |  |  |
| XYLENE<br>1330-20-7                         | = 3500 mg/kg ( Rat ) | > 4350 mg/kg ( Rabbit )  | = 29.08 mg/L (Rat) 4 h              |  |  |
| LIGHT HYDROTREATED<br>NAPHTHA<br>64742-49-0 | > 5000 mg/kg (Rat)   | > 3160 mg/kg ( Rabbit )  | = 73680 ppm (Rat)4 h                |  |  |
| ETHYL BENZENE<br>100-41-4                   | -                    | = 15400 mg/kg ( Rabbit ) | -                                   |  |  |

| AROMATIC HYDROCARBON | - | > 2000 mg/kg (Rabbit) | = 3400 ppm (Rat) 4 h |
|----------------------|---|-----------------------|----------------------|
| 64742-95-6           |   |                       |                      |

### Information on toxicological effects

**Symptoms** Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Irritating to respiratory system. Causes serious eye irritation. Irritating to skin. May be

harmful or fatal if ingested.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Irritating to skin. Eye damage/irritation Irritating to eyes.

Irritating to eyes, respiratory system and skin. Irritation

Sensitization None known. **Germ Cell Mutagenicity** None known.

Carcinogenicity The table below indicates whether each agency has evaluated a listed ingredient as a

carcinogen

| Chemical Name             | ACGIH | IARC     | NTP | OSHA |
|---------------------------|-------|----------|-----|------|
| TOLUENE<br>108-88-3       | -     | Group 3  | -   | -    |
| XYLENE<br>1330-20-7       | -     | Group 3  | -   | -    |
| TALC<br>14807-96-6        | -     | Group 3  | -   | -    |
| ETHYL BENZENE<br>100-41-4 | A3    | Group 2B | -   | -    |
| CARBON BLACK<br>1333-86-4 | A3    | Group 2B | -   | -    |

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans OSHA: (Occupational Safety & Health Administration)

X - Present

Reproductive toxicity Product is or contains a chemical which is a known or suspected reproductive hazard.

Specific target organ systemic May cause respiratory irritation. May cause drowsiness and dizziness. toxicity (single exposure)

Specific target organ systemic

toxicity (repeated exposure)

May cause damage to organs through prolonged or repeated exposure.

**Chronic toxicity** 

May cause adverse liver effects.

**Target Organ Effects** Central nervous system, Central Vascular System (CVS), Eyes, Kidney, Liver, Respiratory

system. Skin.

**Neurological effects** Intentional misuse by deliberately concentrating and inhaling contents may be harmful or

**Aspiration hazard** May be fatal if swallowed and enters airways.

### Numerical measures of toxicity - Product Information

**Unknown Acute Toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity

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

ATEmix (oral) 48893 mg/kg ATEmix (dermal) 10810 mg/kg ATEmix (inhalation-dust/mist) 27.4 mg/l

### 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

| Chemical Name  | Toxicity to algae | Toxicity to fish | Toxicity to       | Toxicity to daphnia and     |
|----------------|-------------------|------------------|-------------------|-----------------------------|
| onomioai itamo | roxionly to alguo | Toxiony to mon   | . Oxionly to      | roxioity to daprima and     |
|                |                   |                  | microorganisms    | other aquatic invertebrates |
|                |                   |                  | illicioorganisins | other aquatic invertebrates |

## HT 810 TRIM BLACK

| PROPANE/ISOBUTANE/N-<br>BUTANE<br>68476-86-8 | -  | -   | - | -   |
|--|--|---|---|---|
| ACETONE<br>67-64-1                           | -  | 4.74 - 6.33 mL/L LC50<br>Oncorhynchus mykiss 96h<br>6210 - 8120 mg/L LC50<br>Pimephales promelas 96h<br>static 8300 mg/L LC50<br>Lepomis macrochirus 96h  | - | 10294 - 17704 mg/L EC50<br>Daphnia magna 48h Static<br>12600 - 12700 mg/L EC50<br>Daphnia magna 48h                         |
| TOLUENE<br>108-88-3                          | 433 mg/L EC50<br>Pseudokirchneriella<br>subcapitata 96h 12.5 mg/L<br>EC50 Pseudokirchneriella<br>subcapitata 72h static  | 11.0 - 15.0 mg/L LC50 Lepomis macrochirus 96h static 14.1 - 17.16 mg/L LC50 Oncorhynchus mykiss 96h static 15.22 - 19.05 mg/L LC50 Pimephales promelas 96h flow-through 5.89 - 7.81 mg/L LC50 Oncorhynchus mykiss 96h flow-through 50.87 - 70.34 mg/L LC50 Poecilia reticulata 96h static 12.6 mg/L LC50 Pimephales promelas 96h static 28.2 mg/L LC50 Poecilia reticulata 96h semi-static 5.8 mg/L LC50 Oncorhynchus mykiss 96h semi-static 54 mg/L LC50 Oryzias latipes 96h static                      |   | 5.46 - 9.83 mg/L EC50<br>Daphnia magna 48h Static<br>11.5 mg/L EC50 Daphnia<br>magna 48h                                    |
| 2-BUTANONE<br>78-93-3                        | -  | 3130 - 3320 mg/L LC50<br>Pimephales promelas 96h<br>flow-through  | - | 4025 - 6440 mg/L EC50<br>Daphnia magna 48h Static<br>5091 mg/L EC50 Daphnia<br>magna 48h 520 mg/L EC50<br>Daphnia magna 48h |
| XYLENE<br>1330-20-7                          | -  | 13.1 - 16.5 mg/L LC50 Lepomis macrochirus 96h flow-through 13.5 - 17.3 mg/L LC50 Oncorhynchus mykiss 96h 2.661 - 4.093 mg/L LC50 Oncorhynchus mykiss 96h static 23.53 - 29.97 mg/L LC50 Pimephales promelas 96h static 30.26 - 40.75 mg/L LC50 Poecilia reticulata 96h static 7.711 - 9.591 mg/L LC50 Lepomis macrochirus 96h static 13.4 mg/L LC50 Pimephales promelas 96h flow-through 19 mg/L LC50 Lepomis macrochirus 96h 780 mg/L LC50 Cyprinus carpio 96h semi-static 780 mg/L LC50 Cyprinus carpio | - | 0.6 mg/L LC50 Gammarus<br>lacustris 48h 3.82 mg/L<br>EC50 water flea 48h  |
| TALC<br>14807-96-6                           | -  | 100 g/L LC50 Brachydanio<br>rerio 96h semi-static   | - | -   |
| ETHYL BENZENE<br>100-41-4                    | 4.6 mg/L EC50 Pseudokirchneriella subcapitata 72h 438 mg/L EC50 Pseudokirchneriella subcapitata 96h 2.6 - 11.3 mg/L EC50 Pseudokirchneriella subcapitata 72h static 1.7 - 7.6 mg/L EC50 Pseudokirchneriella subcapitata 96h static | 11.0 - 18.0 mg/L LC50 Oncorhynchus mykiss 96h static 7.55 - 11 mg/L LC50 Pimephales promelas 96h flow-through 9.1 - 15.6 mg/L LC50 Pimephales promelas 96h static 32 mg/L LC50 Lepomis macrochirus 96h static 4.2 mg/L LC50 Oncorhynchus mykiss 96h semi-static 9.6 mg/L LC50 Poecilia reticulata 96h static  | - | 1.8 - 2.4 mg/L EC50 Daphnia<br>magna 48h  |

| AROMATIC    | - | 9.22 mg/L LC50          | - | 6.14 mg/L EC50 Daphnia |
|-------------|---|-------------------------|---|------------------------|
| HYDROCARBON |   | Oncorhynchus mykiss 96h |   | magna 48h              |
| 64742-95-6  |   |                         |   | -                      |

### Persistence and degradability

No information available.

#### **Bioaccumulation**

No information available.

| Chemical Name              | log Pow |
|----------------------------|---------|
| PROPANE/ISOBUTANE/N-BUTANE | 2.8     |
| 68476-86-8                 |         |
| ACETONE                    | -0.24   |
| 67-64-1                    |         |
| TOLUENE                    | 2.65    |
| 108-88-3                   |         |
| 2-BUTANONE                 | 0.29    |
| 78-93-3                    |         |
| XYLENE                     | 3.15    |
| 1330-20-7                  |         |
| ETHYL BENZENE              | 3.118   |
| 100-41-4                   |         |

Other adverse effects No information available

### 13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste Disposal Methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR

261).

**Contaminated packaging** Do not re-use empty containers.

### 14. TRANSPORT INFORMATION

**DOT Ground** CONSUMER COMMODITY ORM-D

or

LIMITED QUANTITY

IATA UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD. QTY.

**IMDG** UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD. QTY.

### 15. REGULATORY INFORMATION

### International Inventories

| Chemical Name | TSCA | DSL/NDSL | EINECS/ELI | ENCS | IECSC | KECL | PICCS | AICS |
|---------------|------|----------|------------|------|-------|------|-------|------|
|               |      |          | NCS        |      |       |      |       |      |

| PROPANE/ISOBUTAN<br>E/N-BUTANE   | Х | X | X | Not listed | Х | Х | Х | X |
|----------------------------------|---|---|---|------------|---|---|---|---|
| ACETONE                          | Х | Х | X | X          | Х | Χ | X | X |
| TOLUENE                          | Х | X | X | X          | X | X | X | X |
| 2-BUTANONE                       | Х | Х | X | X          | Х | Χ | X | X |
| XYLENE                           | Х | X | X | Х          | Х | Х | X | X |
| LIGHT<br>HYDROTREATED<br>NAPHTHA | Х | X | X | X          | Х | Х | X | X |
| TALC                             | Χ | X | X | X          | X | X | X | X |
| ETHYL BENZENE                    | Х | X | X | X          | X | X | X | X |
| AROMATIC<br>HYDROCARBON          | Х | Х | Х | Х          | Х | Х | Х | Х |
| CARBON BLACK                     | Х | X | Х | Х          | Х | Х | X | Х |

#### Legend:

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

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

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

CHINA - 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

### U.S. Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| Chemical Name            | CAS-No    | Weight %* | SARA 313 - Threshold<br>Values % |
|--------------------------|-----------|-----------|----------------------------------|
| TOLUENE - 108-88-3       | 108-88-3  | 1-10      | 1.0                              |
| XYLENE - 1330-20-7       | 1330-20-7 | 1-10      | 1.0                              |
| ETHYL BENZENE - 100-41-4 | 100-41-4  | 1-10      | 0.1                              |

#### SARA 311/312 Hazard Categories

| Acute Health Hazard               | Yes |
|-----------------------------------|-----|
| Chronic Health Hazard             | Yes |
| Fire Hazard                       | Yes |
| Sudden Release of Pressure Hazard | Yes |
| Reactive Hazard                   | no  |

#### **Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

| Chemical Name | CWA - Reportable<br>Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous<br>Substances |
|---------------|--------------------------------|------------------------|---------------------------|-------------------------------|
| TOLUENE       | 1000 lb                        | X                      | X                         | X                             |
| 108-88-3      |                                |                        |                           |                               |
| XYLENE        | 100 lb                         |                        |                           | Х                             |
| 1330-20-7     |                                |                        |                           |                               |
| ETHYL BENZENE | 1000 lb                        | X                      | X                         | Х                             |
| 100-41-4      |                                |                        |                           |                               |

### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

| Chemical Name | Hazardous Substances RQs | Extremely Hazardous Substances | RQ |
|---------------|--------------------------|--------------------------------|----|
|               |                          | RQs                            | -  |

### HT 810 TRIM BLACK

| ACETONE       | 5000 lb      | RQ 5000 lb final RQ              |
|---------------|--------------|----------------------------------|
| 67-64-1       |              | RQ 2270 kg final RQ              |
| TOLUENE       | 1000 lb 1 lb | RQ 1000 lb final RQ              |
| 108-88-3      |              | RQ 454 kg final RQ RQ 1 lb final |
|               |              | RQ                               |
|               |              | RQ 0.454 kg final RQ             |
| 2-BUTANONE    | 5000 lb      | RQ 5000 lb final RQ              |
| 78-93-3       |              | RQ 2270 kg final RQ              |
| XYLENE        | 100 lb       | RQ 100 lb final RQ               |
| 1330-20-7     |              | RQ 45.4 kg final RQ              |
| ETHYL BENZENE | 1000 lb      | RQ 1000 lb final RQ              |
| 100-41-4      |              | RQ 454 kg final RQ               |

### U.S. State Regulations

<u>California Proposition 65</u>
This product contains the following Proposition 65 chemicals:

| Chemical Name            | California Prop. 65 |  |  |
|--------------------------|---------------------|--|--|
| TOLUENE - 108-88-3       | Developmental       |  |  |
|                          | Female Reproductive |  |  |
| ETHYL BENZENE - 100-41-4 | Carcinogen          |  |  |
| CARBON BLACK - 1333-86-4 | Carcinogen          |  |  |

### **U.S. State Right-to-Know Regulations**

| Chemical Name             | New Jersey | Massachusetts | Pennsylvania |
|---------------------------|------------|---------------|--------------|
| ACETONE<br>67-64-1        | Х          | X             | X            |
| TOLUENE<br>108-88-3       | Х          | X             | Х            |
| 2-BUTANONE<br>78-93-3     | Х          | X             | Х            |
| XYLENE<br>1330-20-7       | Х          | Х             | Х            |
| TALC<br>14807-96-6        | Х          | X             | X            |
| ETHYL BENZENE<br>100-41-4 | Х          | Х             | Х            |
| CARBON BLACK<br>1333-86-4 | Х          | Х             | Х            |

**EPA Pesticide Registration Number** Not applicable

### <u>Canada</u>

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.



| 16. OTHER INFORMATION |                 |              |   |                   |                               |
|-----------------------|-----------------|--------------|---|-------------------|-------------------------------|
| <u>NFPA</u>           | Health Hazard 2 | Flammability | 4 | Instability 0     | Physical and chemical hazards |
| <u>HMIS</u>           | Health Hazard 2 | Flammability | 4 | Physical Hazard 1 | Personal protection B         |
| Prepared By           | Regulato        | ry Affairs   |   |                   |                               |
|                       |                 |              |   |                   |                               |

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**Revision Note** 

No information available

**Disclaimer** 

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.

**End of Safety Data Sheet**