

MSDS# 6000-10

## MATERIAL SAFETY DATA SHEET

### SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER: 6000  
PRODUCT COLOR: Cleaner  
CHEMICAL NAME: Mixture  
FORMULA: Proprietary Mixture  
HMIS HAZARD CODE H:1 F:3 R:0

MACH-DYNAMICS  
494 Main Street  
Susquehanna, PA 18847

Contact: Mark Gingerella  
Phone ( 775 ) 278-9308

#### Emergency Telephone Number:

TRANSPORTATION: CHEMTREC (800) 424-9300

### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Listed below are all the hazardous ingredients, with CAS# and hazard data, of this mixture, pursuant to NJ Admin Code Title 8, Chap 59 (NJ Worker and Community Right to Know Act) and the Special Health Hazard Substance List (NJAC 8:59-10). This exceeds Federal OSHA requirements. NJ requires that the five most predominant ingredients be listed, which may include a Trade Secret Registry Number (NJTSRN) to cover those nonhazardous top five ingredients not specifically listed. Available health hazard and physical property information concerning the mixture is furnished in this data sheet. In the event of a medical emergency, specific chemical information will be made immediately available to a treating physician or nurse.

<u>Ingredient(s)</u>	<u>CAS Number</u>	<u>Weight %</u>	<u>OSHA TLV</u>	<u>ACGIH TLV</u>
Ethyl Acetate	141-78-6	40-60	400ppm	400ppm
Isopropyl Alcohol	67-63-0	15-30	400ppm	400ppm

NJTSRN: 6000REC

### SECTION 3. HAZARDS IDENTIFICATION

**Emergency Overview:** As noted in the preface to published values adopted by the ACGIH, TLV's represent "conditions under which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect. Because of wide variation in individual susceptibility however, a small percentage of workers may experience discomfort from some substances at concentrations at or below the threshold limit; a smaller percentage may be affected more

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seriously by aggravation of a pre-existing condition or by development of occupational illness."

#### Potential Health Effects

- INGESTION: Slightly irritating to gastrointestinal tract. Can cause headache, diarrhea, drowsiness, breathing difficulties, nausea, vomiting.
- EYES: Slightly irritating. May cause redness and/or blurred vision, but reversible within seven days.
- SKIN: Slightly irritating. Prolonged or widespread contact may lead to defatting or dermatitis.
- INHALATION: Slightly irritating to nasal and respiratory tracts. Can cause headache, drowsiness, dizziness, breathing difficulties, nausea.

### SECTION 4. FIRST AID MEASURES

- INGESTION: Currently available information does not contraindicate induction of vomiting. Induce vomiting, if conscious, as directed by medical personnel. Seek medical attention.
- EYES: Flush immediately with water for at least 15 minutes. Seek medical attention.
- SKIN: Remove contaminated clothing. Thoroughly wash with soap and large amounts of water. Seek medical attention.
- INHALATION: Remove to fresh air. Restore breathing. Treat symptomatically. Seek medical attention.

### SECTION 5. FIREFIGHTING MEASURES

- FLASH POINT (°F, TCC): 26
- FLAMMABLE LIMITS: LEL: 1.7 UEL: unknown  
LEL value reported is lowest listed for any ingredient in mixture
- EXTINGUISHING MEDIA: Water fog, Multipurpose foam, Dry chemical, CO2
- SPECIAL FIREFIGHTING PROCEDURES:  
Fight as volatile liquid fire.  
Water spray may spread fire.  
Flashback fires may occur.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

**SPILL OR LEAK PROCEDURES:** Secure area and remove all sources of ignition and heat. Prevent additional discharge of material. Absorb small spills with sand, filter-aid, vermiculite or other inert absorbent material. For large spills, prevent material from entering sewers or water courses. Contain spill with sand, or earth dikes. Recover as much as possible by pumping. Treat remainder as small spill. Dispose of waste in accordance with applicable government regulations. Wear chemical goggles, gloves, boots, and protective clothing. Wear respirator if necessary.

## **SECTION 7. HANDLING AND STORAGE**

**STORAGE TEMPERATURE:** 40 - 90° F

**SHELF LIFE:** Recommended use within 12 months.

**HANDLING AND STORAGE PRECAUTIONS:** Store in tightly closed or properly vented container away from heat, sparks, open flame, or strong oxidizing agents. Containers must be properly grounded and adequate ventilation provided. Unscrew all caps slowly. Do not unscrew entirely until all pressure has been completely released.

**REPAIR & MAINTENANCE OF CONTAMINATED EQUIPMENT:** Handle all equipment containing liquid mixture as reported on this MSDS. Equipment with "dried mixture" must be handled with the same care as other dried organic coatings. All cleaning material should be handled according to their instructions and their MSDSs.

**OTHER PRECAUTIONS:** Use only with adequate ventilation. Dispose of "empty" containers promptly and properly.

**SPECIAL PRECAUTIONS:** None

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EYE PROTECTION:** Eye protection such as chemical splash goggles and/or face shield must be worn when possibility exists for eye contact due to splashing or spraying liquid, airborne particles or vapor. Contact lenses must not be worn.

**SKIN PROTECTION:** Depending on the conditions of use, protective gloves, clothing, boots, head and face protection should be worn.

**RESPIRATORY/VENTILATION:** If workplace exposure limits of product or any component is exceeded, NIOSH/MSHA approved respiratory protection must be used.

**ENGINEERING CONTROLS:** Provide local exhaust or general room ventilation to minimize exposure to vapors.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL FORM:	Liquid
ODOR:	Characteristic Acetate type
BOILING POINT (°F):	approx 172
VAPOR PRESSURE (mm Hg):	approx 55
VAPOR DENSITY (Air=1):	approx 3.2
SOLUBILITY IN WATER:	Appreciable
SPECIFIC GRAVITY (H <sub>2</sub> O=1):	0.89
% VOLATILE BY VOLUME:	100
EVAPORATION RATE (nBuAcet=1):	approx 3

**SECTION 10. REACTIVITY**

STABLE:	Yes
HAZARDOUS POLYMERIZATION:	No
INCOMPATIBILITIES:	Strong oxidizing agents, strong acids, strong bases, alkali metals, halogens
DECOMPOSITION PRODUCTS:	CO, CO <sub>2</sub> , Organic Combustion Products, Oxides of Nitrogen

**SECTION 11. TOXICOLOGICAL INFORMATION**

No Data Available

**SECTION 12. ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13. DISPOSAL CONSIDERATIONS**

Consult Federal, State, and Local Regulations for accepted procedures of disposal, and any reporting or notification requirements.

**SECTION 14. TRANSPORTATION INFORMATION**

DOT SHIPPING NAME: Printing Ink  
 DOT HAZARD CLASS: Flammable Liquid, PG II  
 UN NUMBER: UN 1210  
 DOT LABEL: Flammable Liquid (or ORM-D if container <= 1 quart domestic ground shipments only)  
 FREIGHT CLASS: 55

**SECTION 15. REGULATORY INFORMATION**

TSCA STATUS: Listed

OTHER REGULATORY:

<u>Ingredient(s)</u>	<u>SARA 302</u>	<u>SARA 313</u>	<u>RECRA</u>	<u>PROP 65</u>
Ethyl Acetate	No	No	U112	No
Isopropyl Alcohol	No	No	No	No
NJTSRN: 6000REC	No	No	No	No

**SECTION 16. OTHER INFORMATION**

REASON FOR ISSUE: MSDS form revision  
 PREPARED BY: Mark Gingerella  
 TITLE: President  
 APPROVAL DATE: 10/2007  
 SUPERCEDES DATE: 10/2000

**DISCLAIMER OF LIABILITY**

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of the material described in this MSDS. Information contained herein is given in good faith and believed to be true and accurate, but all statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material, or results to be obtained from the use thereof. All of the ingredients in this product that are considered to present a health hazard as defined in Appendix A of the OSHA "Hazard Communication" standard (29CFR 1910.1200) are listed in Section II. All of the information given, including ingredient identification, CAS Number, and quantity, is proprietary information, which has been provided in order to meet the objective of the "Hazard Communication" standard. This formulation information is confidential, and only to be disclosed in accordance with Federal and State safety and health regulations. Permission to disclose any ingredient information for any other purposes neither given nor implied.

MSDS# 6050-09

## MATERIAL SAFETY DATA SHEET

### SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER: 6050  
PRODUCT COLOR: Thinner  
CHEMICAL NAME: Mixture  
FORMULA: Proprietary Mixture  
HMIS HAZARD CODE H:1 F:3 R:0

MACH-DYNAMICS  
494 Main Street  
Susquehanna, PA 18847

Contact: Mark Gingerella  
Phone: (775) 278-9308

Emergency Telephone Number:

TRANSPORTATION: CHEMTREC (800) 424-9300

### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Listed below are all the hazardous ingredients, with CAS# and hazard data, of this mixture, pursuant to NJ Admin Code Title 8, Chap 59 (NJ Worker and Community Right to Know Act) and the Special Health Hazard Substance List (NJAC 8:59-10). This exceeds Federal OSHA requirements. NJ requires that the five most predominant ingredients be listed, which may include a Trade Secret Registry Number (NJTSRN) to cover those nonhazardous top five ingredients not specifically listed. Available health hazard and physical property information concerning the mixture is furnished in this data sheet. In the event of a medical emergency, specific chemical information will be made immediately available to a treating physician or nurse.

<u>Ingredient(s)</u>	<u>CAS Number</u>	<u>Weight %</u>	<u>OSHA TLV</u>	<u>ACGIH TLV</u>
Propylene Glycol Monomethyl Ether NJTSRN: 6050REC	107-98-2	60-80	100ppm	100ppm

### SECTION 3. HAZARDS IDENTIFICATION

**Emergency Overview:** As noted in the preface to published values adopted by the ACGIH, TLV's represent "conditions under which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect. Because of wide variation in individual susceptibility however, a small percentage of workers may experience discomfort from some substances at

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concentrations at or below the threshold limit; a smaller percentage may be affected more seriously by aggravation of a pre-existing condition or by development of occupational illness.”

**Potential Health Effects**

- INGESTION: Essentially non-toxic and non-irritating.
- EYES: Slightly irritating. May cause redness and/or blurred vision, but reversible within seven days.
- SKIN: Slightly irritating. Prolonged or widespread contact may lead to defatting or dermatitis.
- INHALATION: Slightly irritating to nasal and respiratory tracts. Can cause headache, drowsiness, dizziness, breathing difficulties, nausea.

**SECTION 4. FIRST AID MEASURES**

- INGESTION: Minimal hazard. No significant risk to health. Seek medical attention if any adverse symptoms appear.
- EYES: Flush immediately with water for at least 15 minutes. Seek medical attention.
- SKIN: Remove contaminated clothing. Thoroughly wash with soap and large amounts of water. Seek medical attention.
- INHALATION: Remove to fresh air. Restore breathing. Treat symptomatically. Seek medical attention.

**SECTION 5. FIREFIGHTING MEASURES**

- FLASH POINT (°F, TCC): 90
- FLAMMABLE LIMITS: LEL: 2.7 UEL: unknown  
LEL value reported is lowest listed for any ingredient in mixture
- EXTINGUISHING MEDIA: Water fog, Multipurpose foam, Dry chemical, CO2
- SPECIAL FIREFIGHTING PROCEDURES:  
Fight as volatile liquid fire.  
Vapors are dense and may travel to remote ignition source.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

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**SPILL OR LEAK PROCEDURES:** Secure area and remove all sources of ignition and heat. Prevent additional discharge of material. Absorb small spills with sand, filter-aid, vermiculite or other inert absorbent material. For large spills, prevent material from entering sewers or water courses. Contain spill with sand, or earth dikes. Recover as much as possible by pumping. Treat remainder as small spill. Dispose of waste in accordance with applicable government regulations. Wear chemical goggles, gloves, boots, and protective clothing. Wear respirator if necessary.

## **SECTION 7. HANDLING AND STORAGE**

**STORAGE TEMPERATURE:** 40 - 90° F

**SHELF LIFE:** Recommended use within 12 months.

**HANDLING AND STORAGE PRECAUTIONS:** Store in tightly closed or properly vented container away from heat, sparks, open flame, or strong oxidizing agents. Containers must be properly grounded and adequate ventilation provided. Unscrew all caps slowly. Do not unscrew entirely until all pressure has been completely released.

**REPAIR & MAINTENANCE OF CONTAMINATED EQUIPMENT:** Handle all equipment containing liquid mixture as reported on this MSDS. Equipment with "dried mixture" must be handled with the same care as other dried organic coatings. All cleaning material should be handled according to their instructions and their MSDSs.

**OTHER PRECAUTIONS:** Use on y with adequate ventilation. Dispose of "empty" containers promptly and properly.

**SPECIAL PRECAUTIONS:** None

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EYE PROTECTION:** Eye protection such as chemical splash goggles and/or face shield must be worn when possibility exists for eye contact due to splashing or spraying liquid, airborne particles or vapor. Contact lenses must not be worn.

**SKIN PROTECTION:** Depending on the conditions of use, protective gloves, clothing, boots, head and face protection should be worn.

**RESPIRATORY/VENTILATION:** If workplace exposure limits of product or any component is exceeded, NIOSH/MSHA approved respiratory protection must be used.

**ENGINEERING CONTROLS:** Provide local exhaust or general room ventilation to minimize exposure to vapors.

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

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PHYSICAL FORM: Liquid  
ODOR: Mild  
BOILING POINT (°F): approx 245  
VAPOR PRESSURE (mm Hg): approx 10  
VAPOR DENSITY (Air=1): approx 3  
SOLUBILITY IN WATER: Complete  
SPECIFIC GRAVITY (H<sub>2</sub>O=1): 0.92  
% VOLATILE BY VOLUME: 100  
EVAPORATION RATE (nBuAcet=1): approx 0.6

## SECTION 10. REACTIVITY

STABLE: Yes  
HAZARDOUS POLYMERIZATION: No  
INCOMPATIBILITIES: Strong oxidizing agents, strong acids, strong bases, alkali metals, halogens  
DECOMPOSITION PRODUCTS: CO, CO<sub>2</sub>, Organic Combustion Products

## SECTION 11. TOXICOLOGICAL INFORMATION

No Data Available

## SECTION 12. ECOLOGICAL INFORMATION

No Data Available

## SECTION 13. DISPOSAL CONSIDERATIONS

Consult Federal, State, and Local Regulations for accepted procedures of disposal, and any reporting or notification requirements.

<b>SECTION 14. TRANSPORTATION INFORMATION</b>
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DOT SHIPPING NAME: Printing Ink

DOT HAZARD CLASS: Flammable Liquid, PG III

UN NUMBER: UN 1210

DOT LABEL: Flammable Liquid (or ORM-D if container <= 1 gallon domestic ground shipments only)

FREIGHT CLASS: 55

<b>SECTION 15. REGULATORY INFORMATION</b>
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TSCA STATUS: Listed

OTHER REGULATORY:

<u>Ingredient(s)</u>	<u>SARA 302</u>	<u>SARA 313</u>	<u>RECRA</u>	<u>PROP 65</u>
NJTSRN: 0098REC	No	No	No	No

<b>SECTION 16. OTHER INFORMATION</b>
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REASON FOR ISSUE: MSDS form revision

PREPARED BY: Mark Gingerella

TITLE: President

APPROVAL DATE: 10/2007

SUPERCEDES DATE: 10/2000

**DISCLAIMER OF LIABILITY**

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of the material described in this MSDS. Information contained herein is given in good faith and believed to be true and accurate, but all statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material, or results to be obtained from the use thereof. All of the ingredients in this product that are considered to present a health hazard as defined in Appendix A of the OSHA "Hazard Communication" standard (29CFR 1910.1200) are listed in Section II. All of the information given, including ingredient identification, CAS Number, and quantity, is proprietary information, which has been provided in order to meet the objective of the "Hazard Communication" standard. This formulation information is confidential, and only to be disclosed in accordance with Federal and State safety and health regulations. Permission to disclose any ingredient information for any other purpose is neither given nor implied.