

Material Safety Data Sheet



Revision Date 21-Mar-2005

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product code DA6041
Product name ON YOUR MARK-ORIGINAL
Recommended Use Paint Remover
Supplier Drummond American Corporation
600 Corporate Woods Parkway
Vernon Hills, IL 60061
(847) 913-9313
Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview Flammable.		
Color Clear Yellow	Odor Strong Solvent	Form Aerosol

Aggravated Medical Conditions Pre-existing skin conditions may be aggravated by exposure to this product. Pre-existing eye conditions may be aggravated by exposure to this product.

Principal Routes of Exposure Eyes. Skin. Inhalation. Ingestion.

Potential health effects

Eyes Irritation. Redness. Swelling. Conjunctivitis.
Skin May cause skin irritation and/or dermatitis.
Inhalation May cause irritation of respiratory tract. Central nervous system depression.
Ingestion Aspiration hazard. May cause severe lung damage if aspirated into the lungs from ingestion or vomiting.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Acetone	67-64-1	10-30
Isopropyl alcohol	67-63-0	10-30
Xylene (mix)	1330-20-7	10-30
Methyl ethyl ketone	78-93-3	3-7
Ethylene glycol	107-21-1	3-7
Carbon Dioxide	124-38-9	3-7

4. FIRST AID MEASURES

Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention if irritation persists.
Skin contact	Remove contaminated clothing. Flush skin with water and follow by washing skin with soap and water. Seek medical attention if irritation persists.
Ingestion	Seek medical attention.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen. Administer artificial respiration if not breathing. Seek medical attention.

5. FIRE FIGHTING MEASURES

Flash point °C	-18
Flash point °F	0.0
Method	No information available

Autoignition temperature °C	No data available
Autoignition temperature °F	

Flammability Limits (% in Air)	
Upper	12.0
Lower	2.0

Specific Information for Aerosol Products

Flame extension	> 18"
Flashback	Unknown

Suitable extinguishing media

Foam. Dry chemical.

Extinguishing media which must NOT be used for safety reasons

No information available.

Special Fire-Fighting Procedures

Firefighters should wear NIOSH/MSHA approved (or equivalent) self-contained pressure-demand breathing apparatus and full protective clothing. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. Keep containers cool. Use shielding to protect against bursting or venting containers.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up

Eliminate all sources of ignition. Ventilate area to maintain exposure below permissible exposure limits. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

7. HANDLING AND STORAGE

Handling

Avoid breathing vapors. Keep away from open flames, hot surfaces and sources of ignition. Ensure adequate ventilation.

Storage

Keep away from direct sunlight. Store in temperatures below 130 degrees F. Follow all label directions.

NFPA Storage Code

Store as Level 3 Aerosol (NFPA 30B)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Xylene (mix)	100 ppm 435 mg/m ³	-	100 ppm	150 ppm
Isopropyl alcohol	400 ppm 980 mg/m ³	-	200 ppm	400 ppm
Acetone	1000 ppm 2400 mg/m ³	-	500 ppm	750 ppm
Methyl ethyl ketone	200 ppm 590 mg/m ³	-	200 ppm	300 ppm
Ethylene glycol	-	-	-	-
Carbon Dioxide	5000 ppm exposures < 10,000 ppm to be cited de minimus 9000 mg/m ³	-	5000 ppm	30,000 ppm

Ventilation and Environmental Controls

Provide local exhaust ventilation. Mechanical: optional.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

Personal protective equipment

Respiratory protection

None required if adequate ventilation is provided. Use NIOSH approved respirator if TLV limit is exceeded.

Hand protection

Chemical resistant gloves.

Eye protection

Safety glasses.

Skin and body protection

Impervious clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol	Color	Clear Yellow
Odor	Strong Solvent	Odor Threshold	No information available
pH	No data available	Specific Gravity	0.8341
Vapor pressure	90 @ 130F	Vapor density	> 1 (Air=1)
Evaporation Rate	< 1 (ether = 1)	Water solubility	Negligible
Partition Coefficient (n-octanol/water)	No data available		
Boiling point/range °C	No data available	Boiling point/range °F	No data available
Melting point/range °C	No data available	Melting point/range °F	No data available
Flash point °C	-18	Flash point °F	0.0

10. STABILITY AND REACTIVITY**Stability**

Stable.

Conditions to avoid

Do not store above 130 degrees F. Dropping of containers may cause bursting. Avoid using or storing product in elevated temperatures or near electrical sparks, open flame and other ignition sources.

Materials to avoid

Incompatible with oxidizing agents. Nitric acid. Sulfuric acid. Halogens. Strong acids. Bases. Chlorine. Potassium.

Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

Polymerization

No information available

Synergistic Products

No information available.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
<i>Xylene (mix)</i> 1330-20-7	4300 mg/kg	1700 mg/kg	5000 ppm
<i>Isopropyl alcohol</i> 67-63-0	5045 mg/kg	12800 mg/kg	16000 mg/kg
<i>Acetone</i> 67-64-1	5800 mg/kg	-	44 g/m ³ 50100 mg/m ³
<i>Methyl ethyl ketone</i> 78-93-3	2737 mg/kg	6480 mg/kg	23500 mg/m ³ 32 g/m ³

<i>Ethylene glycol</i> 107-21-1	4700 mg/kg	9530 µL/kg	-
<i>Carbon Dioxide</i> 124-38-9	-	-	-

Potential health effects**Sensitization**

No information available.

Chronic toxicity

No information available.

Mutagenic effects

No information available.

Teratogenic effects

No information available

Reproductive toxicity

No information available

Target Organ Effects

No information available

Carcinogenic effects

See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Xylene (mix)	A4 - Not Classifiable as a Human Carcinogen	-	-	-	-
Isopropyl alcohol	A4 - Not Classifiable as a Human Carcinogen	Group 1	-	-	Listed
Acetone	A4 - Not Classifiable as a Human Carcinogen	-	-	-	-
Methyl ethyl ketone	-	-	-	-	-
Ethylene glycol	A4 - Not Classifiable as a Human Carcinogen (aerosol)	-	-	-	-
Carbon Dioxide	-	-	-	-	-

12. ECOLOGICAL INFORMATION

Aquatic toxicity

Xylene (mix)

Microtox Data*Photobacterium phosphoreum EC50=0.0084 mg/L (24 h)***Water Flea Data***water flea EC50=3.82 mg/L (48 h)*

Isopropyl alcohol

Microtox Data*Photobacterium phosphoreum EC50=35390 mg/L (5 min)*

Acetone

Water Flea Data*water flea LC50=0.0039 mg/L (48 h)**water flea EC50=12700 mg/L (48 h)*

Methyl ethyl ketone

Microtox Data*Photobacterium phosphoreum EC50=3403 mg/L (30 min)**Photobacterium phosphoreum EC50=3426 mg/L (5 min)***Water Flea Data***water flea EC50=520 mg/L (48 h)*

Ethylene glycol

Microtox Data*Photobacterium phosphoreum EC50=620.0 mg/L (30 min)***Water Flea Data***water flea LC50=46300 mg/L (48 h)*

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products

Do not puncture or incinerate.

Disposal Information

Dispose in accordance with federal, state, and local regulations.

14. TRANSPORT INFORMATION

DOT

Consumer commodity (Xylenes (isomers and mixture),Acetone),ORM-D,,RQ

TDG

AEROSOLS(Isopropyl alcohol,Xylene (mix)), Class 2.1,UN1950,PG

IMDG/IMO

Aerosols(Isopropyl alcohol,Xylene (mix)),UN1950,PG

IATAAerosols, flammable(Isopropyl alcohol,Xylene (mix)),UN1950
Hazard Class 2.1**MEX**

UN1950 Aerosols(Isopropyl alcohol,Xylene (mix)),2.2,

15. REGULATORY INFORMATION

Chemical Name	US EPA SARA 313 Emission Reporting
Xylene (mix)	Listed
Isopropyl alcohol	Listed
Methyl ethyl ketone	Listed
Ethylene glycol	Listed

State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Xylene (mix)	Not Listed	Listed	Not Listed
Isopropyl alcohol	Listed	Listed	Not Listed
Acetone	Not Listed	Listed	Not Listed
Methyl ethyl ketone	Listed	Listed	Not Listed
Ethylene glycol	Listed	Listed	Not Listed
Carbon Dioxide	Not Listed	Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Xylene (mix)	X	X	-	X
Isopropyl alcohol	X	X	-	X
Acetone	X	X	-	X
Methyl ethyl ketone	X	X	-	X
Ethylene glycol	X	X	-	X
Carbon Dioxide	X	X	-	X

CPRC

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

16. OTHER INFORMATION

NFPA		HMIS	
Health	2	Health	-
Flammability	3	Flammability	-
Reactivity	0	Physical Hazard	-

Reason for revision No information available.

Prepared By T. Heidorn, MSDS Project Lead

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.