MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name	**XYLENES**
Version #	01
Revision date	04-26-2011
CAS #	Mixture
Product Codes	**J.T.Baker: 5377, 5813, 9483, 9489, 9490, 9493, 9499, 9516, X516** **Macron: 8664, 8668, 8802**
Synonym(s)	Dimethyl benzene, xylol, methyltoluene
Manufacturer	Avantor Performance Materials, Inc.
Address	222 Red School Lane Phillipsburg, NJ 08865 US
Customer Service	800-582-2537
24 Hour Emergency	908-859-2151
Chemtrec	800-424-9300

2. Hazards Identification

Emergency overview

DANGER

Flammable liquid and vapor. Will be easily ignited by heat, spark or flames.

Possible cancer hazard - may cause cancer based on animal data. Harmful if inhaled or absorbed through skin. Harmful or fatal if swallowed. Causes skin and eye irritation. Causes respiratory tract irritation. High vapor concentrations may cause drowsiness and irritation of the eyes or respiratory tract. Prolonged exposure may cause chronic effects.

OSHA regulatory status

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

Potential health effects

Routes of exposure	Inhalation. Ingestion. Skin contact. Eye contact.
Eyes	Causes eye irritation. High vapor/aerosol concentrations may be irritating.
Skin	Harmful if absorbed through skin. Causes skin irritation. Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping.
Inhalation	Harmful if inhaled. May cause irritation to the mucous membranes and upper respiratory tract. In high concentrations, vapors and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
Ingestion	Harmful or fatal if swallowed. Ingestion may result in vomiting; aspiration (breathing) of vomitus into lungs must be avoided as even small quantities may result in aspiration pneumonitis.

Target organs

Eyes. Respiratory system. Skin. Central nervous system. Lungs. Auditory organs.

Chronic effects

May cause lung damage. Organic solvents may be absorbed into the body by inhalation and ingestion and cause permanent damage to the nervous system, including the brain. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Potential environmental effects

Toxic to aquatic organisms.

3. Composition / Information on Ingredients

Components	CAS #	Percent
M-XYLENE	108-38-3	40 - 60
P-XYLENE	106-42-3	20 - 40
ETHYL BENZENE	100-41-4	10 - 20

O-XYLENE	95-47-6	10 - 20

4. First Aid Measures

First aid procedures

Eye contact
Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

Skin contact
In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes.

Inhalation
Move to fresh air. If breathing is difficult, give oxygen. If breathing stops, provide artificial respiration. Get medical attention immediately.

Ingestion
Call a physician or poison control center immediately. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.

Notes to physician
Treat symptomatically. Symptoms may be delayed.

General advice
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5. Fire Fighting Measures

Flammable properties
HIGHLY FLAMMABLE! Vapors may cause a flash fire or ignite explosively. Vapors may travel considerable distance to a source of ignition and flash back. Heat may cause the containers to explode.

Extinguishing media

Suitable extinguishing media
Water spray. Foam. Dry powder. Carbon dioxide (CO2).

Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.

Protection of firefighters

Specific hazards arising from the chemical
Can be ignited easily and burns vigorously. Vapor from the solvent may accumulate in container headspace resulting in flammability hazard.

Protective equipment and precautions for firefighters
Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. Move containers from fire area if you can do so without risk. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. Some of these materials, if spilled, may evaporate leaving a flammable residue. Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for fire-fighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific methods
In the event of fire and/or explosion do not breathe fumes. Use water spray to cool unopened containers.

Hazardous combustion products
Carbon monoxide and carbon dioxide.

6. Accidental Release Measures

Personal precautions
Wear appropriate protective equipment and clothing during clean-up. Keep unnecessary personnel away. Keep upwind. Keep out of low areas. Ventilate closed spaces before entering them. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Local authorities should be advised if significant spillages cannot be contained.

Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

Methods for containment

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Prevent entry into waterways, sewer, basements or confined areas. Dike the spilled material, where this is possible.

Methods for cleaning up

Use only non-sparking tools. All equipment used when handling the product must be grounded.

Large Spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Dike far ahead of spill for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Collect in a non-combustible container for prompt disposal.

Never return spills in original containers for re-use. Clean surface thoroughly to remove residual contamination. Clean up in accordance with all applicable regulations.

J. T. Baker SOLUSORB® solvent adsorbent is recommended for spills of this product.

7. Handling and Storage

Handling

DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Take precautionary measures against static discharges. Wear appropriate personal protective equipment. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Use only with adequate ventilation. Wash thoroughly after handling. See Section 8 of the MSDS for Personal Protective Equipment.

Storage

Keep away from food, drink and animal feedingstuffs. Keep out of the reach of children. Keep container tightly closed in a cool, well-ventilated place. Ground container and transfer equipment to eliminate static electric sparks. Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of flammable liquids.

8. Exposure Controls / Personal Protection

Occupational exposure limits

ACGIH

Components	Type	Value
ETHYL BENZENE (100-41-4)	BEL	0.7000 g/g
	STEL	125.0000 ppm
	TWA	100.0000 ppm
M-XYLENE (108-38-3)	BEL	1.5000 g/g
	STEL	150.0000 ppm
	TWA	100.0000 ppm
O-XYLENE (95-47-6)	BEL	1.5000 g/g
	STEL	150.0000 ppm
	TWA	100.0000 ppm
P-XYLENE (106-42-3)	BEL	1.5000 g/g
	STEL	150.0000 ppm
	TWA	100.0000 ppm

U.S. - OSHA

Components	Type	Value
ETHYL BENZENE (100-41-4)	PEL	435.0000 mg/m3
		100.0000 ppm
M-XYLENE (108-38-3)	PEL	435.0000 mg/m3
		100.0000 ppm
O-XYLENE (95-47-6)	PEL	435.0000 mg/m3
		100.0000 ppm
P-XYLENE (106-42-3)	PEL	435.0000 mg/m3
		100.0000 ppm

Engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Explosion proof exhaust ventilation should be used.

Personal protective equipment

Eye / face protection	Chemical goggles and face shield are recommended.
Skin protection	Wear appropriate chemical resistant clothing. Wear appropriate chemical resistant gloves.
Respiratory protection	Respirator type: Chemical respirator with organic vapor cartridge and full facepiece. Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.
General hygeine considerations	Provide eyewash station and safety shower. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical & Chemical Properties

Appearance	Clear.
Color	Colorless.
Odor	Characteristic.
Odor threshold	Not available.
Physical state	Liquid.
Form	Liquid.
pH	Not available.
Melting point	-41.8 °F (-41.4773 °C)
Freezing point	-41.8 °F (-41.4773 °C)
Boiling point	282.2 °F (139.241 °C)
Flash point	84.2 °F (29 °C) Closed Cup
Evaporation rate	0.7 BuAc
Flammability limits in air, upper, % by volume	7 %
Flammability limits in air, lower, % by volume	1 %
Vapor pressure	1.07 kPa
Vapor density	3.7
Specific gravity	0.8681
Relative density	Not available.
Solubility (water)	Insoluble
Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	867.2 °F (464 °C)
Decomposition temperature	Not available.

10. Chemical Stability & Reactivity Information

Chemical stability	Stable under normal temperature conditions.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	Strong oxidizing agents. Strong acids.
Hazardous decomposition products	At thermal decomposition temperatures, carbon monoxide and carbon dioxide.

Possibility of hazardous reactions Hazardous polymerization does not occur.

11. Toxicological Information

Toxicological data

Product	Test Results
XYLENES (Mixture)	Acute Dermal LD50 Rabbit: 123 g/kg estimated
	Acute Inhalation LC50 Rat: 47153 mg/l estimated
	Acute Oral LD50 Rat: 3941 mg/kg estimated
Components	**Test Results**
ETHYL BENZENE (100-41-4)	Acute Dermal LD50 Rabbit: 17800 mg/kg
	Acute Oral LD50 Rat: 3500 mg/kg
M-XYLENE (108-38-3)	Acute Dermal LD50 Rabbit: 12100 mg/kg
	Acute Oral LD50 Rat: 4300 mg/kg
O-XYLENE (95-47-6)	Acute Dermal LD50 Rabbit: > 43 g/kg
	Acute Inhalation LC50 Rat: 6350 mg/l 4.00 Hours
	Acute Oral LD50 Rat: 4300 mg/kg
P-XYLENE (106-42-3)	Acute Dermal LD50 Rabbit: > 43 g/kg
	Acute Oral LD50 Rat: 3523 mg/kg

Sensitization Not a skin sensitizer.

Acute effects Harmful if inhaled or absorbed through skin. Harmful or fatal if swallowed.

Local effects Irritating to eyes, respiratory system and skin. High vapor concentrations may cause drowsiness and irritation of the eyes or respiratory tract.

Chronic effects May cause lung damage. Organic solvents may be absorbed into the body by inhalation and ingestion and cause permanent damage to the nervous system, including the brain. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Carcinogenicity Possible cancer hazard - may cause cancer based on animal data.

ACGIH Carcinogens

ETHYL BENZENE (CAS 100-41-4)	A3 Confirmed animal carcinogen with unknown relevance to humans.
M-XYLENE (CAS 108-38-3)	A4 Not classifiable as a human carcinogen.
O-XYLENE (CAS 95-47-6)	A4 Not classifiable as a human carcinogen.
P-XYLENE (CAS 106-42-3)	A4 Not classifiable as a human carcinogen.

IARC Monographs. Overall Evaluation of Carcinogenicity

ETHYL BENZENE (CAS 100-41-4)	2B Possibly carcinogenic to humans.
M-XYLENE (CAS 108-38-3)	3 Not classifiable as to carcinogenicity to humans.
O-XYLENE (CAS 95-47-6)	3 Not classifiable as to carcinogenicity to humans.
P-XYLENE (CAS 106-42-3)	3 Not classifiable as to carcinogenicity to humans.

Skin corrosion/irritation Causes skin irritation.

Epidemiology No epidemiological data is available for this product.

Mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Neurological effects High vapor/aerosol concentrations (attainable only at elevated temperatures) may cause central nervous system effects such as dizziness, drowsiness or headaches. Central and/or peripheral nervous system damage.

Reproductive effects Contains no ingredient listed as toxic to reproduction

Teratogenicity No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

Symptoms and target organs Irritation. Upper respiratory tract irritation. Drowsiness and dizziness.

12. Ecological Information

Ecotoxicological data

Product	Test Results
XYLENES (Mixture)	EC50 Daphnia: 4.0812 mg/l 48.00 hours estimated
	LC50 Fish: 11.28 mg/l 96.00 hours estimated

Components	Test Results
ETHYL BENZENE (100-41-4)	EC50 Water flea (Daphnia magna): 1.37 mg/l 48.00 hours
	LC50 Rainbow trout,donaldson trout (Oncorhynchus mykiss): 4.2 mg/l 96.00 hours
P-XYLENE (106-42-3)	EC50 Water flea (Daphnia magna): 3.55 mg/l 48.00 hours
	LC50 Rainbow trout,donaldson trout (Oncorhynchus mykiss): 2.6 mg/l 96.00 hours
M-XYLENE (108-38-3)	EC50 Water flea (Daphnia magna): 2.81 mg/l 48.00 hours
	LC50 Rainbow trout,donaldson trout (Oncorhynchus mykiss): 8.4 mg/l 96.00 hours
O-XYLENE (95-47-6)	EC50 Water flea (Daphnia magna): 0.78 mg/l 48.00 hours
	LC50 Rainbow trout,donaldson trout (Oncorhynchus mykiss): 5.59 mg/l 96.00 hours

Ecotoxicity Toxic to aquatic life.

Environmental effects Bioaccumulation is unlikely to be significant because of the low water solubility of this product. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence and degradability Expected to be readily biodegradable.

Partition coefficient (n-octanol/water) Not available

13. Disposal Considerations

Waste codes

US RCRA Hazardous Waste U List: Reference

M-XYLENE (CAS 108-38-3)	U239
O-XYLENE (CAS 95-47-6)	U239
P-XYLENE (CAS 106-42-3)	U239

Disposal instructions Dispose of this material and its container to hazardous or special waste collection point. Incinerate the material under controlled conditions in an approved incinerator. All wastes must be handled in accordance with local, state and federal regulations.

Contaminated packaging Since emptied containers retain product residue, follow label warnings even after container is emptied. Residual vapors may explode on ignition; do not cut, drill, grind, or weld on or near this container. Offer rinsed packaging material to local recycling facilities.

14. Transport Information

DOT

Basic shipping requirements:

UN number UN1307
Proper shipping name Xylenes
Hazard class 3
Packing group III
Additional information:
Special provisions B1, IB3, T2, TP1
Basic shipping requirements:
Labels required 3

Additional information:

Packaging exceptions	150
Packaging non bulk	203
Packaging bulk	242
ERG number	130

IATA

Basic shipping requirements:

UN number	1307
Proper shipping name	Xylenes
Hazard class	3
Packing group	III

Additional information:

ERG code	3L

IMDG

Basic shipping requirements:

UN number	1307
Proper shipping name	XYLENES
Hazard class	3
Packing group	III

DOT

IATA

IMDG

15. Regulatory Information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

US TSCA Section 12(b) Export Notification: Export Notification requirement/De minimis concentration

P-XYLENE (CAS 106-42-3)	1.0 % One-Time Export Notification only.

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration

ETHYL BENZENE (CAS 100-41-4)	0.1 %
M-XYLENE (CAS 108-38-3)	1.0 %
O-XYLENE (CAS 95-47-6)	1.0 %
P-XYLENE (CAS 106-42-3)	1.0 %

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

ETHYL BENZENE (CAS 100-41-4)	Listed.
M-XYLENE (CAS 108-38-3)	Listed.
O-XYLENE (CAS 95-47-6)	Listed.
P-XYLENE (CAS 106-42-3)	Listed.

CERCLA (Superfund) reportable quantity

M-XYLENE: 1000.0000
P-XYLENE: 100.0000
ETHYL BENZENE: 1000.0000
O-XYLENE: 1000.0000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No
Section 311 hazardous chemical	Yes

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

BENZENE (<0.1%) (CAS 71-43-2)	Listed.
ETHYL BENZENE (CAS 100-41-4)	Listed.
TOLUENE (<0.1%) (CAS 108-88-3)	Listed.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

BENZENE (<0.1%) (CAS 71-43-2)	Listed: February 27, 1987 Carcinogenic.
ETHYL BENZENE (CAS 100-41-4)	Listed: June 11, 2004 Carcinogenic.

US - California Proposition 65 - CRT: Listed date/Developmental toxin

BENZENE (<0.1%) (CAS 71-43-2)	Listed: December 26, 1997 Developmental toxin.
TOLUENE (<0.1%) (CAS 108-88-3)	Listed: January 1, 1991 Developmental toxin.

US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

TOLUENE (<0.1%) (CAS 108-88-3)	Listed: August 7, 2009 Female reproductive toxin.

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

BENZENE (<0.1%) (CAS 71-43-2)	Listed: December 26, 1997 Male reproductive toxin.

US - New Jersey Community RTK (EHS Survey): Reportable threshold

ETHYL BENZENE (CAS 100-41-4)	500 LBS
M-XYLENE (CAS 108-38-3)	500 LBS
O-XYLENE (CAS 95-47-6)	500 LBS
P-XYLENE (CAS 106-42-3)	500 LBS

US - Pennsylvania RTK - Hazardous Substances: Listed substance

ETHYL BENZENE (CAS 100-41-4)	Listed.
M-XYLENE (CAS 108-38-3)	Listed.
O-XYLENE (CAS 95-47-6)	Listed.
P-XYLENE (CAS 106-42-3)	Listed.

Saf-T-Data	Health: 2 - Moderate (Cancer) Flammability: 2 - Moderate Reactivity: 1 - Slight Contact: 3 - Severe Lab Protective Equip: DB - GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD; PROPER GLOVES; CLASS B EXTINGUISHER Storage Color Code: R - Red (Flammable)

16. Labeling Info

Label Hazard Warning	DANGER FLAMMABLE LIQUID AND VAPOR. Will be easily ignited by heat, spark or flames. Possible cancer hazard - may cause cancer based on animal data. Harmful if inhaled or absorbed through skin. Harmful or fatal if swallowed. Irritating to eyes, respiratory system and skin. High vapor concentrations may cause drowsiness and irritation of the eyes or respiratory tract. Prolonged exposure may cause chronic effects.
Label Precautions	Keep away from heat, sparks and flame. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Use only with adequate ventilation. Wash thoroughly after handling. Keep container closed.
Label First Aid	Immediately flush eyes with plenty of water for at least 15 minutes. Immediately flush skin with plenty of water. If gas/fume/vapor/dust/mist from the material is inhaled, remove the affected person immediately to fresh air. Get medical attention immediately. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting without advice from poison control center. Do not use mouth-to-mouth method if victim ingested the substance. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

17. Other Information

NFPA ratings	Health: 2 Flammability: 3 Instability: 0
Disclaimer	THE INFORMATION PRESENTED IN THIS MATERIAL SAFETY DATA SHEET (MSDS/SDS) WAS PREPARED BY TECHNICAL PERSONNEL BASED ON DATA THAT THEY BELIEVE IN THEIR GOOD FAITH JUDGMENT IS ACCURATE. HOWEVER, THE INFORMATION PROVIDED HEREIN IS PROVIDED “AS IS,” AND AVANTOR PERFORMANCE MATERIALS MAKES AND GIVES NO REPRESENTATIONS OR WARRANTIES WHATSOEVER, AND EXPRESSLY DISCLAIMS ALL WARRANTIES REGARDING SUCH INFORMATION AND THE PRODUCT TO WHICH IT RELATES, WHETHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING WITHOUT LIMITATION, WARRANTIES OF ACCURACY, COMPLETENESS, MERCHANTABILITY, NON-INFRINGEMENT, PERFORMANCE, SAFETY, SUITABILITY, STABILITY, AND FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING, COURSE OF PERFORMANCE, OR USAGE OF TRADE. THIS MSDS/SDS IS INTENDED ONLY AS A GUIDE TO THE APPROPRIATE PRECAUTIONARY HANDLING OF THE MATERIAL BY A PROPERLY TRAINED PERSON USING THIS PRODUCT, AND IS NOT INTENDED TO BE COMPREHENSIVE AS TO THE MANNER AND CONDITIONS OF USE, HANDLING, STORAGE, OR DISPOSAL OF THE PRODUCT. INDIVIDUALS RECEIVING THIS MSDS/SDS MUST ALWAYS EXERCISE THEIR OWN INDEPENDENT JUDGMENT IN DETERMINING THE APPROPRIATENESS OF SUCH ISSUES. ACCORDINGLY, AVANTOR PERFORMANCE MATERIALS ASSUMES NO LIABILITY WHATSOEVER FOR THE USE OF OR RELIANCE UPON THIS INFORMATION. NO SUGGESTIONS FOR USE ARE INTENDED AS, AND NOTHING HEREIN SHALL BE CONSTRUED AS, A RECOMMENDATION TO INFRINGE ANY EXISTING PATENTS OR TO VIOLATE ANY FEDERAL, STATE, LOCAL, OR FOREIGN LAWS. AVANTOR PERFORMANCE MATERIALS REMINDS YOU THAT IT IS YOUR LEGAL DUTY TO MAKE ALL INFORMATION IN THIS MSDS/SDS AVAILABLE TO YOUR EMPLOYEES.
Issue date	04-26-2011