

MATERIAL SAFETY DATA SHEET**DEV-3000**

384-003



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

Product Name:	DEV-3000	DEV3000KI
Article Code:	050005	MKB-57
Synonyms:	No information available	MKC 7-15
Chemical characterization:	No data is available on the product itself. MKC7-15-1	
Supplier:	DV Systems Inc. 490 Welham Road Barrie, Ontario L4N 8Z4 Phone: (705) 728-5657 Fax: (705) 728-4974	MKB20-30
Emergency telephone number:	CHEMTREC: 1-800-424-9300 (US and Canada)	

2. COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS-No	ACGIH (TWA mg/m ³)	OSHA (TWA mg/m ³)
1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester	68515-49-1	5 (Oil Mist)	5 (Oil Mist)
N-Phenylbenzenamine	68411-46-1	None	None

Note for Non-Hazardous Components Components not precisely identified above are non-hazardous as defined by applicable laws.

3. HAZARDS IDENTIFICATION

Properties affecting health:	None
Principle routes of exposure:	None
Skin contact:	Substance does not generally irritate and is only mildly irritating to the skin.
Eye contact:	Avoid contact with eyes. May cause slight irritation.
Inhalation:	Vapours and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.
Ingestion:	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.



4. FIRST AID MEASURES

General advice:	Consult a physician.
Skin contact:	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use.
Eye contact:	Flush eye with water for 15 minutes. If symptoms persist, call a physician.
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. Consult a physician.
Ingestion:	Drink 1 or 2 glasses of water. Do not induce vomiting. Consult a physician if necessary.

5. FIRE-FIGHTING MEASURES	
Suitable extinguishing media:	Carbon dioxide (CO ₂), Dry chemical, Water spray mist or foam.
Extinguishing media which must not be used for safety reasons:	No information available.
Special protective equipment for firefighters:	In the event of fire, wear self-contained breathing apparatus. Standard procedure for chemical fires.
Specific hazards:	Burning produces irritant fumes.
Unusual hazards:	No hazards to be especially mentioned.
Specific methods:	In the event of fire, cool tanks with water spray.
Flash point:	> 450 (°F)
Autoignition temperature:	745 (°F).
Flammability Limits in Air	
Lower:	No information available
Upper:	No information available

6. ACCIDENTAL RELEASE MEASURES	
Personal precautions:	Contaminated surfaces will be extremely slippery. Wear personal protective equipment.
Environmental precautions:	Should not be released into the environment.
Methods for cleaning up:	Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE	
Handling	
Technical measures/precautions:	No special technical protective measures required.
Safe handling advice:	Always replace cap after use. Handle in accordance with good industrial hygiene and safety practice.
Storage	
Technical measures/storage conditions:	Keep containers dry and tightly closed to avoid moisture absorption and contamination.
Incompatible products:	No special restrictions on storage with other products.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION	
Engineering measures to reduce exposure:	Ensure adequate ventilation, especially in confined areas.
Personal Protective Equipment	 
Respiratory protection:	In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hand protection:	Impervious gloves.
Skin and body protection:	Usual safety precautions while handling the product will provide adequate protection against this potential effect.
Eye protection:	Safety glasses.
Hygiene measures:	Avoid contact with skin, eyes and clothing. Wash off with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Appearance:	Liquid
Color:	Clear	Odor:	Mild
Specific gravity:	< 1.0	Boiling point/range	> 600 (°F)
Evaporation rate:	Not determined	Vapor density:	Not determined
Vapor pressure:	< 0.10 mm Hg @ 20°C	Solubility:	Insoluble

10. STABILITY AND REACTIVITY

Stability:	Stable.
Polymerization:	Hazardous polymerization does not occur.
Hazardous decomposition products:	Smoke, Carbon oxides.
Materials to avoid:	Strong oxidizing agents.
Conditions to avoid:	Stable at normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	No data available.
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12. ECOLOGICAL INFORMATION

Mobility:	The product is insoluble and floats on water.
Bioaccumulative potential:	No information available.
Ecotoxicity effects:	No data available.
Aquatic toxicity:	No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	In accordance with local and national regulations.
Contaminated packaging:	Empty containers should be taken for local recycling, recovery or waste disposal.

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14. TRANSPORT INFORMATION

DOT	Proper shipping name:	Not Regulated
TDG (Canada)	Proper shipping name:	Not Regulated
IMO / IMDG	Proper shipping name:	Not Regulated
ICAO	Proper shipping name:	Not Regulated
IATA	Proper shipping name:	Not Regulated

15. REGULATORY INFORMATION

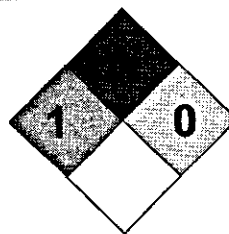
International Inventories

PICCS:	This product does not comply with phil:
TSCA:	Listed in TSCA
DSL:	All of the components in this product are listed in DSL
ENCS:	This product does not comply with JPENCS
CHINA:	This product complies with China
AICS:	All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).
KECL:	This product complies with Korea
EINECS/ELINCS:	This product complies with EINECS/ELINCS
U.S. Regulations:	1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester California Proposition 65 - Listed. NJRTK: Substance no. 3005 Listed. PARTK: Listed. ILRTK: Listed. CTRTK: Listed.
	Sara (311, 312) hazard class: Chronic hazard
CANADA - WHMIS hazard class:	Non-controlled

16. OTHER INFORMATION

NFPA	Health: 1	Flammability: 1	Instability: 0
HMIG	Health: 1	Flammability: 1	Reactivity: 0

NFPA symbol



Reason for revision:	Not applicable
Prepared by:	Health & Safety

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.