



MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name: Lancer Group International
311 Saulteaux Crescent
Winnipeg, Manitoba,
Canada R3J 3C7

Emergency Telephone Number: (204) 889-7422

Trade Name: Evolution Direct Print Plastisol Inks

Codes: NX6500 Series, NX6504 Base, NX6505 Base, NX6581 Optical White, NX6835 HD Series, NX6700 Base,

Chemical Family: Plastisol (PVC/Phthalate Free)

Product Use: Screen printing ink

WHMIS Classification: Not regulated

24 Hour Emergency Number: (613) 996-6666 CANUTEC
(Use in case of a dangerous goods emergency.)

SECTION 2. COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients	Percentage	TLV (ppm)	CAS#
Plasticizer Phthalate Free	35-45%		Not Available
Methacrylate resin	25-35%		Not available
Titanium Dioxide pigment	5-39%		13463-67-7
Organic pigments	10-20%		Mixture
Fume silica	1-5%		112945-52-5
Calcium Carbonate	10-20%		7789-78-8
Polyamide Copolymer	10-15%		Proprietary

Composition comments: These products do not contain any known currently listed hazardous materials nor do they contain any carcinogenic or suspected carcinogenic agents.

SECTION 3. HAZARDS IDENTIFICATION

Effects of Overexposure: Fumes emitted during fusion may irritate eyes, skin or respiratory tract.

Chronic Overexposure: Skin sensitization and allergic reactions may occur in certain individuals in slight cases.

Skin Sensitization: Skin sensitization and allergic reactions may occur in certain individuals in slight cases.

Sensitization to Materials: Skin sensitization and allergenic reactions may occur in certain individuals in slight cases.

Synergistic Products: None known

SECTION 4. FIRST AID MEASURES

Eye Contact: Immediately flush with flowing water for at least 15 minutes.

Skin Contact: Remove excess ink from skin and wash thoroughly with soap and water.

Inhalation: Remove to fresh air. Consult a physician if needed.

Ingestion: Vomit as much as possible. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammability Properties

Flash Point (closed cup, °C): 225

Hazardous Combustion Products: Oxides of phosphorous and carbon

Explosion Data: Not applicable

Extinguishing Media: Carbon dioxide, dry chemical foam

Special Fire Fighting Procedures: Avoid breathing combustion products or use self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Container may explode when subjected to extreme conditions and temperature.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Procedure if Material is Spilled or Released: Scoop material into drum or suitable container. Absorb remainder with inert material.

SECTION 7. HANDLING AND STORAGE

Handling: Handle and open containers with care. Avoid eye contact. Avoid excessive or repeated skin contact. Keep the containers closed when not in use.

Storage: Store in a cool dry place away from oxidizing and combustible materials.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Not necessary

Personal Protective Equipment (PPE)

Skin Protection: Nitrile gloves if continual contact is likely

Eye protection: Safety goggles

Footwear: Sneakers

Clothing: Nitrile smock if available

Respiratory Protection: Not required with normal adequate ventilation

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Cream paste with slight odour

Boiling Range, °C: 255

Melting/Freezing Point, °C: < -40°C

Vapor Pressure (mm Hg @ 20°C): 0.033 @ 150°C

Vapor Density (Air = 1): Heavier than air

Specific Gravity (Water = 1): 1.16-1.19

Solubility in water: Insoluble

Percent Volatile by volume: Not applicable

pH: Not applicable

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Incompatibility (materials to avoid): Oxidizing material can cause reaction

Conditions of Reactivity: Prolonged exposure to temperatures @ 300° C, Product stable at ambient temperature

Hazardous Decomposition: Burning may produce oxides of phosphorous and carbon monoxide/dioxide

SECTION 11. TOXICOLOGICAL INFORMATION

There is no known published data available for this product.

SECTION 12. ECOLOGICAL INFORMATION

There is no known published data available for this product.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with all Local, Provincial and Federal Regulations.

SECTION 14. TRANSPORT INFORMATION

Canadian TDG Shipping Description: Not regulated

US DOT Classification: Not regulated

SECTION 15. REGULATORY INFORMATION

U.S. TSCA Inventory Status: All components of these products are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

Canadian DSL Inventory Status: All components of these products are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

Note: Not available

SECTION 16. OTHER INFORMATION

DISCLAIMER: All information presented herein is given in good faith and is based on sources and tests are considered to be reliable but cannot be guaranteed. It is the user's full responsibility to accept risk for the safety, toxicity, handling, storage, and use of the product as well as to determine the suitability of this product for a specific purpose. We can make no warranty as to the results to be obtained in using the product. Therefore the user must assume all risk.

MSDS Prepared by: Discovery/Lancer Group

Phone Number: (204) 885-7792

Issue Date: April 13, 2012

Revision: 6



MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name: Lancer Group International
311 Saulteaux Crescent
Winnipeg, Manitoba,
Canada R3J 3C7

Emergency Telephone Number: (204) 889-7422

Trade Name: Evolution Defender

Codes: NX6710

Chemical Family: Plastisol (PVC/Phthalate Free)

Product Use: Screen printing ink

WHMIS Classification: Not regulated

24 Hour Emergency Number: (613) 996-6666 CANUTEC
(Use in case of a dangerous goods emergency.)

SECTION 2. COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients	Percentage	TLV (ppm)	CAS#
Plasticizer Phthalate Free	40%		Not Available
Methacrylate resin	25%		Not available
Titanium Dioxide pigment	10%		13463-67-7
Foaming agent	4%		Not available
Filler	10%		1332-58-7
Alum. Pigment	10%		Not available

Composition comments: These products do not contain any known currently listed hazardous materials nor do they contain any carcinogenic or suspected carcinogenic agents.

SECTION 3. HAZARDS IDENTIFICATION

Effects of Overexposure: Fumes emitted during fusion may irritate eyes, skin or respiratory tract.

Chronic Overexposure: Skin sensitization and allergic reactions may occur in certain individuals in slight cases.

Skin Sensitization: Skin sensitization and allergic reactions may occur in certain individuals in slight cases.

Sensitization to Materials: Skin sensitization and allergic reactions may occur in certain individuals in slight cases.

Synergistic Products: None known

SECTION 4. FIRST AID MEASURES

Eye Contact: Immediately flush with flowing water for at least 15 minutes.

Skin Contact: Remove excess ink from skin and wash thoroughly with soap and water.

Inhalation: Remove to fresh air. Consult a physician if needed.

Ingestion: Vomit as much as possible. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammability Properties

Flash Point (closed cup, °C): 225

Hazardous Combustion Products: Oxides of phosphorous and carbon

Explosion Data: Not applicable

Extinguishing Media: Carbon dioxide, dry chemical foam

Special Fire Fighting Procedures: Avoid breathing combustion products or use self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Container may explode when subjected to extreme conditions and temperature.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Procedure if Material is Spilled or Released: Scoop material into drum or suitable container. Absorb remainder with inert material.

SECTION 7. HANDLING AND STORAGE

Handling: Handle and open containers with care. Avoid eye contact. Avoid excessive or repeated skin contact. Keep the containers closed when not in use.

Storage: Store in a cool dry place away from oxidizing and combustible materials.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Not necessary

Personal Protective Equipment (PPE)

Skin Protection: Nitrile gloves if continual contact is likely

Eye protection: Safety goggles

Footwear: Sneakers

Clothing: Nitrile smock if available

Respiratory Protection: Not required with normal adequate ventilation

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Gray paste with slight odour

Boiling Range, °C: 255

Melting/Freezing Point, °C: < -40°C

Vapor Pressure (mm Hg @ 20°C): 0.033 @ 150°C

Vapor Density (Air = 1): Heavier than air

Specific Gravity (Water = 1): 1.16-1.19

Solubility in water: Insoluble

Percent Volatile by volume: Not applicable

pH: Not applicable

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Incompatibility (materials to avoid): Oxidizing material can cause reaction

Conditions of Reactivity: Prolonged exposure to temperatures @ 300° C, Product stable at ambient temperature

Hazardous Decomposition: Burning may produce oxides of phosphorous and carbon monoxide/dioxide

SECTION 11. TOXICOLOGICAL INFORMATION

There is no known published data available for this product.

SECTION 12. ECOLOGICAL INFORMATION

There is no known published data available for this product.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with all Local, Provincial and Federal Regulations.

SECTION 14. TRANSPORT INFORMATION

Canadian TDG Shipping Description: Not regulated

US DOT Classification: Not regulated

SECTION 15. REGULATORY INFORMATION

U.S. TSCA Inventory Status: All components of these products are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

Canadian DSL Inventory Status: All components of these products are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

Note: Not available

SECTION 16. OTHER INFORMATION

DISCLAIMER: All information presented herein is given in good faith and is based on sources and tests are considered to be reliable but cannot be guaranteed. It is the user's full responsibility to accept risk for the safety, toxicity, handling, storage, and use of the product as well as to determine the suitability of this product for a specific purpose. We can make no warranty as to the results to be obtained in using the product. Therefore the user must assume all risk.

MSDS Prepared by: Discovery/Lancer Group

Phone Number: (204) 885-7792

Issue Date: February 1, 2011

SECTION 1

Product Name and Company Identification

Product Name: NX 6390 Reducer

Uses/Application

Viscosity Reducer

Company (Name, address and phone numbers)

Lancer Group International

311 Saulteaux Crescent
Winnipeg, Manitoba,
Canada R3J 3C7
+1 (204) 889-7422

24 Hour Emergency Number: +1(613) 996-6666 CANUTEC

SECTION 2

2.1 Hazards Identification

Emergency Overview

Form : liquid

Colour : light yellow

Odour : characteristic

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR1910.1200)

Potential Health Effect

Eyes: Contact may cause irritation.

Skin: Contact may cause irritation.

Ingestion: Ingestion may irritate the digestive tract; high dosages may cause CNS depression.

Inhalation: High concentrations of mists or vapors from heated product may cause CNS depression.

Chronic Exposure: Prolonged skin contact with ingredients may cause dermatitis.

Aggravated Medical Condition : May be aggravating to some skin condition, asthma-type conditions

Primary Routes of Entry : Inhalation, Ingestion, Eyes, Skin Absorption

Carcinogenicity:

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated

carcinogen by NTP.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential

carcinogen by ACGIH.

Environmental Effects

Environmental Effects: No information available.

SECTION 3

Composition/Information on Ingredients

Chemical nature

Blend containing carboxylic acid esters and wetting and dispersing components

Hazardous components

The specific chemical identity/weight percent of proprietary ingredient(s) is a trade secret

Component	CAS No	Weight Percent
Petroleum distillates	64742-55-8	30.00 - 60.00

SECTION 4

First aid measures

First aid procedures

Treatment for Eye Contact: Immediately flush eyes with water for 15 minutes. If irritation persists, seek medical

Attention.

Treatment for Skin Contact: Remove contaminated clothing and wash with soap and water.

Treatment for Inhalation: Remove to fresh air immediately. If irritation persists, seek medical attention.

Treatment for Ingestion: Do not induce vomiting. Get immediate medical attention and advice.

SECTION 5

Fire-fighting Measures

Flammable properties

Flash point : > 140 °C (> 284 °F)

Ignition temperature : > 200 °C (> 392 °F)

Lower explosion limit : no data available

Upper explosion limit : no data available

Suitable extinguishing media: Foam, Carbon dioxide (CO2), Dry chemical

Unsuitable extinguishing media: No information available.

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.

Specific hazards during firefighting: Will not explode on mechanical impact.

Cool closed containers exposed to fire with water spray.

Hazardous decomposition products due to incomplete combustion : Carbon oxides

Further information: Keep away from heat and sources of ignition.

Keep away from oxidizing agents.

SECTION 6

Accidental Release Measures

Personal precautions : Wear protective equipment: goggles, chemically resistant clothing and gloves, and appropriate

respirator if in a confined area.

Environmental precautions : Prevent spilled material from entering the ground, water and/or air by using appropriate

containment methods.

Methods for containment: Stop leak. Drain and contain spill.

Methods for cleaning up: Absorb with suitable material and remove with sparkles shovel and/or scoop.

SECTION 7

Handling and Storage

Handling:

Handle and open containers with care.

Avoid contact with eyes and skin.

Avoid inhaling dust/ fume/ gas/ mist/ vapours/ spray.

Keep away from oxidizing agents.

Keep container closed when not in use.

Handle as an industrial chemical.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

Wash hands before taking meal brakes and immediately after handling the product.

Do not eat, drink or smoke when using the product.

Remove and wash contaminated clothing before re-use.

Storage:

Keep the container tightly closed in a cool, dry, well-ventilated area, away from oxidizing and combustible materials.

Take precautionary measures against static discharges.

SECTION 8

Exposure controls/personal protection

Exposure Guidelines

Components	CAS No	Value	Control Parameters	Basis
Petroleum distillate	64742-55-8	TWA	5mg/m ³	ACGIH

Engineering measures

Engineering measures : Use with local exhaust ventilation.

Personal protective equipment

Eye protection : Safety glasses with side-shields

Hand protection : Neoprene gloves

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : If using in a poorly ventilated area, wear a properly fitted respirator (NIOSH approved) during exposure.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Clean long legged, long sleeved work clothes. If splashing is possible, wear chemically resistant protective clothing.

Environmental Exposure Controls: Do not drain into sanitary sewer system. Comply with applicable community

Environmental protection laws.

SECTION 9

Physical and Chemical Properties

Form	: liquid
Colour	: light yellow
Odour	: characteristic
Odor Threshold	: no data available
Flash point	: > 140 °C (> 284 °F)
Ignition temperature	: > 200 °C (> 392 °F)
Lower explosion limit	: no data available
Upper explosion limit	: no data available
pH	: no data available
Melting point/range	: < 0 °C (< 32 °F)
Initial boiling point	: > 200 °C (> 392 °F)
Vapour pressure	: < 0.1 hPa
Evaporation rate	: no data available
Density	: ca.0.87 g/cm ³ at 20 °C (68 °F) (1,013.000000 hPa) Method: DIN EN ISO 2811-3
Bulk density	not applicable
Water solubility	: immiscible
Partition coefficient: noctanol/water	: no data available
Viscosity, dynamic	: < 100 mPa.s at 20 °C (68 °F) ca.4 mPa.s at 40 °C (104 °F)
Viscosity, kinematic	: 114 mm ² /s at 20 °C (68 °F) 5 mm ² /s at 40 °C (104 °F)

SECTION 10

Stability and Reactivity

Chemical Stability	: Stable, polymerization will not occur
Incompatibility (materials to avoid)	: Oxidizing material can cause reaction
Conditions to avoid	: Not established
Incompatible material	: Oxidizing agents
Hazardous Decomposition Products	: Not established
Reactivity	: Product stable at ambient temperature

SECTION 11

Toxicological Information

Acute oral toxicity (Product)	: no data available
Acute oral toxicity (Component)	: Component: 64742-55-8 Petroleum distillates LD50 rat Dose: > 15,000 mg/kg
Acute dermal toxicity(Component)	: Component: 64742-55-8 Petroleum distillates LD50 Dose: > 5,000 mg/kg
Acute inhalation toxicity(Component)	: Component: 64742-55-8 Petroleum distillates LC50 no data available
Skin irritation (Product)	: no data available
Skin irritation (Component)	: Component: 64742-55-8 Petroleum distillates rabbit Result: slight irritation
Eye irritation (Product)	: no data available
Eye irritation(Component)	: Component: 64742-55-8 Petroleum distillates rabbit Result: Mild eye irritation
Sensitisation (Product)	: no data available
Further information(Product)	: no data available

SECTION 12

Ecological Information

There is no known published data available for this product.

SECTION 13

Disposal Considerations

Waste Category based on European Council directive on Waste 080399 (Appendix A –Consolidated European

Waste Catalogue)

Classification: Non-hazardous

Waste Disposal Method: Dispose of in accordance with all Local, Provincial and Federal Regulations.

SECTION 14**Transport Information**

Transportation by road/Railway(ADR/RID): Not classified as dangerous goods

Transportation by air(ICAQ/IATA): Not classified as dangerous goods

Transportation by sea(IMDG): Not classified as dangerous goods

Canadian TDG Shipping Description: Not regulated

US DOT Classification: Not regulated

SECTION 15**Regulatory Information**

The product is not on the list of controlled substances of the following:

Regulation(EC) No.2037/2000

Regulation(EC) No. 850/2004

U.S. TSCA Inventory Status: All components of these products are either on the Toxic Substances Control Act (TSCA)

Inventory List or exempt.

US EPA CERCLA Hazardous Substances (40 CFR 302): Not applicable

California Proposition 65: Not applicable

SARA Title III Section 302 Extremely Hazardous Substances: Not applicable

SARA Title III Section 313 Toxic Chemicals: Not applicable

Canadian DSL Inventory Status: All components of these products are either on the Domestic Substances List (DSL), the

Non-Domestic Substances List (NDSL) or exempt.

National Pollutant Release Inventory (NPRI): Not applicable

DSL: All components of this product are on the Canadian Substance List

Health:	1
Flammability:	1
Reactivity:	0

SECTION 1**Product Name and Company Identification**

Product Name: NC7000 Low Crock Additive

Uses/Application

Printing Ink Additive

Company (Name, address and phone numbers)

Lancer Group International

311 Saulteaux Crescent
Winnipeg, Manitoba,
Canada R3J 3C7
+1 (204) 889-7422

24 Hour Emergency Number: +1(613) 996-6666 CANUTEC

SECTION 16

Other Information

DISCLAIMER: All information presented herein is given in good faith and is based on sources and tests are considered to be reliable but cannot be guaranteed. It is the user's full responsibility to accept risk for the safety, toxicity, handling, storage, and use of the product as well as to determine the suitability of this product for a specific purpose. We can make no warranty as to the results to be obtained in using the product. Therefore the user must assume all risk.

MSDS Prepared by: Discovery/Lancer Group

Phone Number: (204) 885-7792

Issue Date: January 15, 2014

Revision: 0

SECTION 2**Hazards Identification**

Emergency Overview

WHMIS Classification : Not WHMIS controlled

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)

Potential Health Effect

Eyes: Contact may cause eye irritation.

Skin: Contact may cause skin irritation.

Ingestion: Ingestion may irritate the digestive tract, may be harmful if swallowed

Inhalation: Inhalation may cause respiratory tract irritation

Potential Chronic Health Effects:

Chronic toxicity: chronic exposure may cause nausea and vomiting.

Symptoms of overexposure: headache, dizziness, tiredness, nausea and vomiting

Carcinogenic Effects: No information found

Mutagenic Effects: No information found

Developmental Toxicity: No information found

Teratogenic Effects: No information found

Primary Routes of Entry : Inhalation, Ingestion, Eyes, Skin Absorption

Environmental Effects

Environmental Effects: No information available.

SECTION 3**Composition/Information on Ingredients**

The specific chemical identity/weight percent of proprietary ingredient(s) is a trade secret

Component	CAS No	EINECS No
Acetyl tributyl citrate	77-90-7	201-067-0

SECTION 4**First aid measures****First aid procedures**

Treatment for Eye Contact: Immediately flush eyes with water for 15 minutes, keeping eyelids open. Do not use eye

ointment. If irritation persists, seek medical attention.

Treatment for Skin Contact: Remove contaminated clothing and wash with soap and water.

Treatment for Inhalation: Remove to fresh air immediately. Lay victim down and keep warm and rested. If irritation

persist, seek medical attention.

Treatment for Ingestion: Do not induce vomiting. Get immediate medical attention and advice.

SECTION 5

Fire-fighting Measures

Flammable properties

Flash point : 204 °C

Lower explosion limit : no data available

Upper explosion limit : no data available

Suitable extinguishing media: Foam, Carbon dioxide (CO₂), Dry chemical

Unsuitable extinguishing media: No information available.

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.

Specific hazards during firefighting: Will not explode on mechanical impact.

Cool closed containers exposed to fire with water spray.

Hazardous decomposition products due to incomplete combustion : Carbon oxides

Further information: Keep away from heat and sources of ignition.

Keep away from oxidizing agents

SECTION 6

Accidental Release Measures

Personal precautions : Wear protective equipment: goggles, chemically resistant clothing and gloves, and appropriate

respirator if in a confined area.

Environmental precautions : Prevent spilled material from entering the ground, water and/or air by using appropriate

containment methods.

Methods for containment: Stop leak. Drain and contain spill.

Methods for cleaning up: Absorb with suitable material and remove with sparkles shovel and/or scoop.

SECTION 7

Handling and Storage

Handling:

Handle and open containers with care.

Avoid contact with eyes and skin.

Avoid inhaling dust/ fume/ gas/ mist/ vapours/ spray.

Keep away from oxidizing agents.

Keep container closed when not in use.

Handle as an industrial chemical.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.
Wash hands before taking meal breaks and immediately after handling the product.
Do not eat, drink or smoke when using the product.
Remove and wash contaminated clothing before re-use.

Storage:
Keep the container tightly closed in a cool, dry, well-ventilated area, away from oxidizing and combustible materials.
Take precautionary measures against static discharges.

SECTION 8

Exposure controls/personal protection

Contains no substances with occupational exposure limit values.

Engineering Controls: Use adequate ventilation to keep airborne concentration low.

Personal protective equipment

Respiratory protection:

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection:

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection:

Impervious clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures:

General industrial hygiene practice.

Environmental Exposure Controls:

Do not drain into sanitary sewer system. Comply with applicable community Environmental protection laws.

SECTION 9

Physical and Chemical Properties

Form : liquid
Flash point : 204 °C

Lower explosion limit	: no data available
Upper explosion limit	: no data available
pH	: no data available
Melting point/freezing point	: no data available
Boiling point	: no data available
Ignition temperature	: no data available
Density	:1.05 g/cm ³ at 25 °C (77 °F)

SECTION 10
Stability and Reactivity

Chemical Stability	: Stable under recommended storage conditions, polymerization will not occur
Incompatibility (materials to avoid)	: Oxidizing material can cause reaction
Conditions to avoid	: Moisture
Incompatible material	: Oxidizing agents
Hazardous Decomposition Products	: Not established
Reactivity	: Product stable at ambient temperature

SECTION 11
Toxicological Information

Acute oral toxicity (Product)	: no data available
Acute oral toxicity (Component)	: Component: 77-90-7 Acetyl Tributyl Citrate LD50/LC50 No data available
Skin irritation (Product)	: no data available
Eye irritation (Product)	: no data available
Sensitisation (Product)	: no data available
Further information(Product)	: no data available
Germ cell mutagenicity	:no data available
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
	ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
Reproductive toxicity	:no data available
Teratogenicity	no data available
Specific target organ toxicity	
-single exposure(Globally Harmonized System)	:no data available
Specific target organ toxicity	
-repeated exposure(Globally Harmonized System):	no data available

**SECTION 12
Ecological Information**

There is no known published data available for this product.

**SECTION 13
Disposal Considerations**

Waste Category based on European Council directive on Waste 080399 (Appendix A –Consolidated European

Waste Catalogue)

Classification: Non-hazardous

Waste Disposal Method: Dispose of in accordance with all Local, Provincial and Federal Regulations.

**SECTION 14
Transport Information**

Transportation by road/Railway(ADR/RID): Not classified as dangerous goods

Transportation by air(ICAO/IATA): Not classified as dangerous goods

Transportation by sea(IMDG): Not classified as dangerous goods

Canadian TDG Shipping Description: Not regulated

US DOT Classification: Not regulated

**SECTION 15
Regulatory Information**

The product is not on the list of controlled substances of the following:

Regulation(EC) No.2037/2000

Regulation(EC) No. 850/2004

U.S. TSCA Inventory Status: All components of these products are either on the Toxic Substances Control Act (TSCA)

Inventory List or exempt.

US EPA CERCLA Hazardous Substances (40 CFR 302): Not applicable

California Proposition 65: Not applicable

SARA Title III Section 302 Extremely Hazardous Substances: Not applicable

SARA Title III Section 313 Toxic Chemicals: Not applicable

Canadian DSL Inventory Status: All components of these products are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

National Pollutant Release Inventory (NPRI): Not applicable

HAZARDOUS MATERIAL INFORMATION SYSTEM:

Health:	0
Flammability:	0
Reactivity:	0
Personal Protection:	B

SECTION 16

Other Information

DISCLAIMER: All information presented herein is given in good faith and is based on sources and tests are considered to be reliable but cannot be guaranteed. It is the user's full responsibility to accept risk for the safety, toxicity, handling, storage, and use of the product as well as to determine the suitability of this product for a specific purpose. We can make no warranty as to the results to be obtained in using the product. Therefore the user must assume all risk.

MSDS Prepared by: Discovery/Lancer Group

Phone Number: (204) 885-7792

Issue Date: January 15, 2014

Revision: 0