Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/06/2015 Reviewed on 02/06/2015

1 Identification

· **Product identifier**

· **Trade name: ULTRA-CUT CUTTING TOOL COOLANT**

· **Article number:** 80-801

· **Recommended use and restriction on use**
· **Recommended use:** Coolant/cutting solution
· **Restrictions on use:** No further relevant information available.

· **Details of the supplier of the Safety Data Sheet**
· **Manufacturer/Supplier:**
Kimball-Midwest
4800 Roberts Road
Columbus, OH 43228
Phone: (800) 233-1294

· **Emergency telephone number:**
CHEMTREC
1-800-424-9300 (US/Canada)

2 Hazard(s) identification

· **Classification of the substance or mixture**


GHS04 Gas cylinder

Press. Gas	H280	Contains gas under pressure; may explode if heated.


GHS08 Health hazard

Muta. 2	H341	Suspected of causing genetic defects.
Carc. 1B	H350	May cause cancer.


GHS07

Skin Irrit. 2	H315	Causes skin irritation.
Eye Irrit. 2A	H319	Causes serious eye irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
STOT SE 3	H336	May cause drowsiness or dizziness.

· **Label elements**
· **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).

(Contd. on page 2)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/06/2015 Reviewed on 02/06/2015

Trade name: ULTRA-CUT CUTTING TOOL COOLANT

(Contd. of page 1)

· **Hazard pictograms**



GHS04 GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**
trichloroethylene
tetrachloroethylene

· **Hazard statements**
H280 Contains gas under pressure; may explode if heated.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H341 Suspected of causing genetic defects.
H350 May cause cancer.
H336 May cause drowsiness or dizziness.

· **Precautionary statements**

P261	Avoid breathing mist, vapors, or spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P273	Avoid release to the environment.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing must not be allowed out of the workplace.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a poison center/doctor if you feel unwell.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P302+P352	If on skin: Wash with plenty of water.
P391	Collect spillage.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P410	Protect from sunlight.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Hazard description:**
· **WHMIS-symbols:**
A - Compressed gas
D2A - Very toxic material causing other toxic effects

(Contd. on page 3)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/06/2015 Reviewed on 02/06/2015

Trade name: ULTRA-CUT CUTTING TOOL COOLANT

(Contd. of page 2)



· **Classification system:**
· **NFPA ratings (scale 0 - 4)**



Health = 2
Fire = 0
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = *2
Fire = 0
Reactivity = 0

* - Indicates a long term health hazard from repeated or prolonged exposures.
· **Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**
· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**		
127-18-4	tetrachloroethylene Carc. 2, H351	40-60%
79-01-6	trichloroethylene Muta. 2, H341; Carc. 1B, H350 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317; STOT SE 3, H336	40-60%
124-38-9	carbon dioxide Press. Gas, H280	1-5%

· **Additional information:**
For the listed ingredients, the identity and exact percentages are being withheld as a trade secret.

4 First-aid measures

· **Description of first aid measures**
· **General information:** Take affected persons out into the fresh air.
· **After inhalation:** Supply fresh air; consult doctor in case of complaints.
· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
· **After eye contact:**
Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

(Contd. on page 4)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/06/2015 Reviewed on 02/06/2015

Trade name: ULTRA-CUT CUTTING TOOL COOLANT

(Contd. of page 3)

· **After swallowing:**
Unlikely route of exposure.
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; immediately call for medical help.
· **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed**
Headache
Coughing
Nausea
Gastric or intestinal disorders when ingested.
Allergic reactions
Dizziness
Slight irritant effect on skin and mucous membranes.
Irritant to eyes.
· **Danger** Suspected of causing cancer.
· **Indication of any immediate medical attention and special treatment needed**
If necessary oxygen respiration treatment.
Treat skin and mucous membrane with antihistamine and corticoid preparations.
Contains trichloroethylene. May produce an allergic reaction.

5 Fire-fighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:**
Water fog / haze
Foam
Fire-extinguishing powder
Carbon dioxide
Sand
· **For safety reasons unsuitable extinguishing agents:** Water stream.
· **Special hazards arising from the substance or mixture**
Danger of receptacles bursting because of high vapor pressure if heated.
During heating or in case of fire poisonous gases are produced.
· **Advice for firefighters**
· **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
· **Additional information**
In case of fire involving large quantities, evacuate area and fight fire from the upwind side.
Cool endangered receptacles with water fog.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**
Use respiratory protective device against the effects of fumes/dust/aerosol.
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation.
Keep away from ignition sources.

(Contd. on page 5)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/06/2015 Reviewed on 02/06/2015

Trade name: ULTRA-CUT CUTTING TOOL COOLANT

(Contd. of page 4)

Protect from heat.
· **Environmental precautions:**
Do not allow to enter sewers/ surface or ground water.
Inform respective authorities in case of seepage into water course or sewage system.
· **Methods and material for containment and cleaning up:**
Absorb liquid components with liquid-binding material.
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents
Pick up manually.
Send for recovery or disposal in suitable receptacles.
Dispose contaminated material as waste according to item 13.
· **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

· **Handling:**
· **Precautions for safe handling**
Use only in well ventilated areas.
Avoid splashes or spray in enclosed areas.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
· **Information about protection against explosions and fires:**
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 120 °F / 49 °C, i.e. electric lights. Do not pierce or burn, even after use.
Keep respiratory protective device available.
Pressurised container: May burst if heated.
During heating or in case of fire poisonous gases are produced.

· **Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Observe official regulations on storing packagings with pressurized containers.
Avoid storage near extreme heat, ignition sources or open flame.
· **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizing agents.
· **Further information about storage conditions:**
Protect from heat and direct sunlight.
Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.
· **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

(Contd. on page 6)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/06/2015 Reviewed on 02/06/2015

Trade name: ULTRA-CUT CUTTING TOOL COOLANT

(Contd. of page 5)

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**	
127-18-4 tetrachloroethylene	
PEL (USA)	Long-term value: 100 ppm Ceiling limit value: 200; 300* ppm *5-min peak in any 3 hrs
REL (USA)	Minimize workplace exp. concs.;Pocket Guide App. A
TLV (USA)	Short-term value: 685 mg/m³, 100 ppm Long-term value: 170 mg/m³, 25 ppm BEI
EL (Canada)	Short-term value: 100 ppm Long-term value: 25 ppm IARC 2A
EV (Canada)	Short-term value: 100 ppm Long-term value: 25 ppm
LMPE (Mexico)	Short-term value: 100 ppm Long-term value: 25 ppm A3, IBE
79-01-6 trichloroethylene	
PEL (USA)	Long-term value: 100 ppm Ceiling limit value: 200; 300* ppm *5-min peak in any 2 hrs
REL (USA)	See Pocket Guide Apps. A and C
TLV (USA)	Short-term value: 135 mg/m³, 25 ppm Long-term value: 54 mg/m³, 10 ppm BEI
EL (Canada)	Short-term value: 25 ppm Long-term value: 10 ppm ACGIH A2, IARC 2A
EV (Canada)	Short-term value: 25 ppm Long-term value: 10 ppm
LMPE (Mexico)	Short-term value: 25 ppm Long-term value: 10 ppm A2, IBE
124-38-9 carbon dioxide	
PEL (USA)	Long-term value: 9000 mg/m³, 5000 ppm
REL (USA)	Short-term value: 54.000 mg/m³, 30.000 ppm Long-term value: 9000 mg/m³, 5000 ppm
TLV (USA)	Short-term value: 54.000 mg/m³, 30.000 ppm Long-term value: 9000 mg/m³, 5000 ppm
EL (Canada)	Short-term value: 15000 ppm Long-term value: 5000 ppm

(Contd. on page 7)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/06/2015 Reviewed on 02/06/2015

Trade name: ULTRA-CUT CUTTING TOOL COOLANT

(Contd. of page 6)

EV (Canada)	Short-term value: 54.000 mg/m³, 30.000 ppm Long-term value: 9.000 mg/m³, 5.000 ppm
LMPE (Mexico)	Short-term value: 30000 ppm Long-term value: 5000 ppm

· **Ingredients with biological limit values:**

127-18-4 tetrachloroethylene

BEI (USA)	3 ppm Medium: end-exhaled air Time: prior to shift Parameter: Tetrachloroethylene 0.5 mg/L Medium: blood Time: prior to shift Parameter: Tetrachloroethylene

79-01-6 trichloroethylene

BEI (USA)	15 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Trichloroacetic acid (nonspecific) 0.5 mg/L Medium: blood Time: end of shift at end of workweek Parameter: Trichloroethanol without hydrolysis (nonspecific) - Medium: blood Time: end of shift at end of workweek Parameter: Trichloroethylene (semi-quantitative) - Medium: end-exhaled air Time: end of shift at end of workweek Parameter: Trichloroethylene (semi-quantitative)

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**
· **Personal protective equipment:**
· **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Use only in well ventilated areas.
Avoid contact with the eyes and skin.
Avoid breathing mist, vapors, or spray.
· **Engineering controls:** No further relevant information available.

(Contd. on page 8)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/06/2015 Reviewed on 02/06/2015

Trade name: ULTRA-CUT CUTTING TOOL COOLANT

(Contd. of page 7)

· **Breathing equipment:**
Use suitable respiratory protective device in case of insufficient ventilation.
For spills, respiratory protection may be advisable.
NIOSH or EN approved organic vapor respirator equipped with a dust/mist prefilter should be used.
· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
· **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
· **Eye protection:**



Safety glasses

· **Body protection:** Protective work clothing
· **Limitation and supervision of exposure into the environment**
Avoid release to the environment.
No further relevant information available.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**
· **General Information**
· **Appearance:**

Form:	Aerosol
Color:	Colorless
· **Odor:**	Solvent-like
· **Odor threshold:**	Not determined.
· **pH-value:**	Not determined.
· **Change in condition**	
Melting point/Melting range:	Not applicable, as aerosol.
Boiling point/Boiling range:	87 °C (189 °F) (estimated)
· **Flash point:**	Not applicable, as aerosol.
· **Flammability (solid, gaseous):**	Not applicable.
· **Auto-ignition temperature:**	Not determined.

(Contd. on page 9)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/06/2015 Reviewed on 02/06/2015

Trade name: ULTRA-CUT CUTTING TOOL COOLANT

(Contd. of page 8)

· **Decomposition temperature:**	Not determined.
· **Auto igniting:**	Product is not self-igniting.
· **Danger of explosion:**	Product does not present an explosion hazard.
· **Explosion limits:**	
Lower:	Not determined.
Upper:	Not determined.
· **Vapor pressure:**	77 hPa (58 mm Hg) (estimated)
· **Density:**	1.5322 g/mL
· **Relative density**	Not determined.
· **Vapour density**	Not determined.
· **Evaporation rate**	Not applicable.
· **Solubility in / Miscibility with**	
Water:	Not miscible or difficult to mix.
· **Partition coefficient (n-octanol/water):**	Not determined.
· **Viscosity:**	
Dynamic:	Not determined.
Kinematic:	Not determined.
· **Other information**	No further relevant information available.

10 Stability and reactivity

· **Reactivity**
· **Chemical stability**
· **Thermal decomposition / conditions to be avoided:**
Danger of receptacles bursting because of high vapor pressure if heated.
· **Possibility of hazardous reactions**
Reacts with oxidizing agents.
Toxic fumes may be released if heated above the decomposition point.
· **Conditions to avoid**
Excessive heat.
Store away from oxidizing agents.
· **Incompatible materials:**
Caution! Do not use in conjunction with other products. Dangerous gases (chlorine) may be given off.
· **Hazardous decomposition products:**
Carbon monoxide and carbon dioxide
Chlorine
Chlorine compounds

(Contd. on page 10)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/06/2015 Reviewed on 02/06/2015

Trade name: ULTRA-CUT CUTTING TOOL COOLANT

(Contd. of page 9)

11 Toxicological information

· **Information on toxicological effects**
· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**		
127-18-4 tetrachloroethylene		
Oral	LD50	2629 mg/kg (rat)
79-01-6 trichloroethylene		
Oral	LD50	2402 mg/kg (mouse)
Dermal	LD50	8450 mg/kg (mouse)

· **Primary irritant effect:**
· **on the skin:** Irritant to skin and mucous membranes.
· **on the eye:** Irritating effect.
· **Sensitization:** Contains trichloroethylene. May produce an allergic reaction.
· **Additional toxicological information:**
Irritant
Danger through skin absorption.
Inhalation of concentrated vapors as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.
Carcinogenic.
Suspected of causing genetic defects.
Toxic and/or corrosive effects may be delayed up to 24 hours.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**
1

· **NTP (National Toxicology Program)**		
127-18-4	tetrachloroethylene	R
79-01-6	trichloroethylene	R

· **OSHA-Ca (Occupational Safety & Health Administration)**
None of the ingredients is listed.

· **Probable Routes of Exposure**
Ingestion.
Inhalation.
Eye contact.
Skin contact.
· **Acute effects (acute toxicity, irritation and corrosivity):** Vapors have narcotic effect.
· **Repeated Dose Toxicity:**
May cause damage to organs through prolonged or repeated exposure.
Repeated exposures may result in skin and/or respiratory sensitivity.

(Contd. on page 11)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/06/2015 Reviewed on 02/06/2015

Trade name: ULTRA-CUT CUTTING TOOL COOLANT

(Contd. of page 10)

12 Ecological information

· **Toxicity**
· **Aquatic toxicity:**
The material is harmful to the environment.
Toxic for aquatic organisms
· **Persistence and degradability** No further relevant information available.
· **Behavior in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Ecotoxical effects:**
· **Remark:** Toxic for fish
· **Additional ecological information:**
· **General notes:**
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms
Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**
· **Recommendation:**
Contact waste processors for recycling information.
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

· **Uncleaned packagings:**
· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **UN-Number**
· **DOT, ADR, IMDG, IATA** UN1950
· **UN proper shipping name**



Limited Quantity for packages less than 30 kg (66 lb) and inner packagings less than 1 L (0.3 gal).

(Contd. on page 12)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/06/2015 Reviewed on 02/06/2015

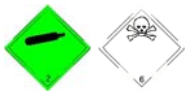
Trade name: ULTRA-CUT CUTTING TOOL COOLANT

(Contd. of page 11)

· **DOT**	Aerosols
· **ADR**	1950 AEROSOLS, toxic, ENVIRONMENTALLY HAZARDOUS
· **IMDG**	AEROSOLS, MARINE POLLUTANT
· **IATA**	Aerosols, non-flammable, containing substances in Division 6.1, Packing Group III

· **Transport hazard class(es)**

· **DOT**



· **Class**	2.2
· **Label**	2.2, 6.1

· **ADR**



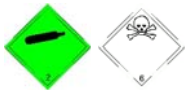
· **Class**	2 5T Gases
· **Label**	2.2+6.1

· **IMDG**



· **Class**	2.2
· **Label**	2.2/6.1

· **IATA**



· **Class**	2.2
· **Label**	2.2 (6.1)
· **Packing group**	
· **DOT, ADR, IMDG, IATA**	Not Regulated
· **Environmental hazards:**	Product contains environmentally hazardous substances: tetrachloroethylene
· **Marine pollutant:**	Yes Symbol (fish and tree)
· **Special marking (ADR):**	Symbol (fish and tree)
· **Special precautions for user**	Warning: Gases
· **Danger code (Kemler):**	-
· **EMS Number:**	F-D,S-U
· **Segregation groups**	Liquid halogenated hydrocarbons

(Contd. on page 13)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Trade name: ULTRA-CUT CUTTING TOOL COOLANT

(Contd. of page 12)

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

· **Transport/Additional information:**

· **ADR**
· **Excepted quantities (EQ)** Code: E0
Not permitted as Excepted Quantity

· **IMDG**
· **Limited quantities (LQ)** 1L
· **Excepted quantities (EQ)** Code: E0
Not permitted as Excepted Quantity
· **UN "Model Regulation":** UN1950, AEROSOLS, toxic, ENVIRONMENTALLY HAZARDOUS, 2.2 (6.1)

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **SARA**

· **Section 355 (extremely hazardous substances):**
None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

127-18-4	tetrachloroethylene
79-01-6	trichloroethylene

· **TSCA (Toxic Substances Control Act):**
All ingredients are listed.

· **Proposition 65 (California)**

· **Chemicals known to cause cancer:**

127-18-4	tetrachloroethylene
79-01-6	trichloroethylene

· **Chemicals known to cause reproductive toxicity for females:**
None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for males:**

79-01-6	trichloroethylene

· **Chemicals known to cause developmental toxicity:**

79-01-6	trichloroethylene

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

127-18-4	tetrachloroethylene	L
79-01-6	trichloroethylene	CaH

· **IARC (International Agency for Research on Cancer)**

127-18-4	tetrachloroethylene	2A

(Contd. on page 14)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/06/2015 Reviewed on 02/06/2015

Trade name: ULTRA-CUT CUTTING TOOL COOLANT

(Contd. of page 13)

79-01-6	trichloroethylene	2A

· **TLV (Threshold Limit Value established by ACGIH)**

127-18-4	tetrachloroethylene	A3
79-01-6	trichloroethylene	A2

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

127-18-4	tetrachloroethylene
79-01-6	trichloroethylene

· **State Right to Know Listings**

None of the ingredients is listed.

· **Canadian substance listings:**

· **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

· **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 1%)**

All ingredients are listed.

· **Other regulations, limitations and prohibitive regulations**
This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.
· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Date of preparation / last revision** 02/06/2015 / -

· **Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
WHMIS: Workplace Hazardous Materials Information System (Canada)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Press. Gas: Gases under pressure: Compressed gas
Press. Gas: Gases under pressure: Liquefied gas
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
Skin Sens. 1B: Sensitisation - Skin, Hazard Category 1B

(Contd. on page 15)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/06/2015 Reviewed on 02/06/2015

Trade name: ULTRA-CUT CUTTING TOOL COOLANT

(Contd. of page 14)

Muta. 2: Germ cell mutagenicity, Hazard Category 2
Carc. 1B: Carcinogenicity, Hazard Category 1B
Carc. 2: Carcinogenicity, Hazard Category 2
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

· **Sources**

SDS Prepared by:
ChemTel Inc.
1305 North Florida Avenue
Tampa, Florida USA 33602-2902
Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573
Website: www.chemtelinc.com