

# Class C Solutions Group

A business of MSC Industrial Supply Co.

## Safety Data Sheet

### Supply Co. - HIGH-TEMP COPPER ANTI-SEIZE, (US)

Document Nbr: 076420  
Class C Parts IDs BD1552

HIGH-TEMP COPPER ANTI-SEIZE

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

-----SECTION 1: PRODUCT AND COMPANY IDENTIFICATION -----

PRODUCT IDENTIFIER:

CHEMICAL NAME: MIXTURE

CAS NO.: MIXTURE

TRADE NAME: HIGH-TEMP COPPER ANTI-SEIZE

PRODUCT CODE: EN-3420

RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST:

IDENTIFIED USE(S): LUBRICANT

USES ADVISED AGAINST: NONE

COMPANY IDENTIFICATION:  
SPRAY PRODUCTS CORPORATION  
P.O. BOX 737  
NORRISTOWN, PA 19404

TELEPHONE: (610) 277-1010

FAX: (610) 277-4390

E-MAIL (COMPETENT PERSON): JOHND@SPRAYPRODUCTS.COM

EMERGENCY TELEPHONE NUMBER:

EMERGENCY PHONE NO.:

TRANSPORTATION EMERGENCY:

CHEMTREC 24 HR.: 1-800-424-9300 / 1 (703) 527-3887 (COLLECT CALLS ACCEPTED)

-----SECTION 2: HAZARDS IDENTIFICATION -----

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

OSHA HCS (29 CFR 1910.1200):

FLAM. AEROSOL 2; LIQUEFIED GAS; SKIN IRRIT. 2; EYE IRRIT. 2; STOT SE 3;  
ASP. TOX. 1

LABEL ELEMENTS:

HAZARD SYMBOL:

FLAME

GAS CYLINDER

EXCLAMATION MARK

HEALTH HAZARD

SIGNAL WORD(S): DANGER

HAZARD STATEMENT(S)

FLAMMABLE AEROSOL.

CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED.

MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

CAUSES SERIOUS EYE IRRITATION.

CAUSES SKIN IRRITATION.

MAY CAUSE DROWSINESS OR DIZZINESS.

PRECAUTIONARY STATEMENT(S):

KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING.

DO NOT SPRAY ON AN OPEN FLAME OR OTHER IGNITION SOURCE.

DO NOT PIERCE OR BURN, EVEN AFTER USE.

WASH HANDS AND EXPOSED SKIN AFTER USE.

WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.

AVOID BREATHING DUST/FUME/GAS/MIST/VAPOURS/SPRAY.

PROTECT FROM SUNLIGHT AND DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 DEG. C/122 DEG. F.

KEEP OUT OF REACH OF CHILDREN.

OTHER HAZARDS:

TOXIC TO AQUATIC LIFE. TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

-----SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS -----

| HAZARDOUS INGREDIENT(S)                 | % WT. * | CAS NO.     | HAZARD CLASSIFICATION   |
|---|---------|-------------|---|
| PETROLEUM DISTILLATES                   | 20 - 50 | MIXTURE     | ASP. TOX. 1; H304   |
| ACETONE                                 | 10 - 20 | 67-64-1     | FLAM. LIQ. 2; H225<br>EYE IRRIT. 2; H319<br>STOT SE 3; H336   |
| HEPTANE, BRANCHED,<br>CYCLIC AND LINEAR | 10 - 20 | 426260-76-6 | FLAM. LIQ. 2; H225<br>ASP. TOX. 1; H304<br>SKIN IRRIT. 2; H315<br>STOT SE 3; H336<br>AQUATIC ACUTE 2; H401<br>AQUATIC CHRONIC 3; H412 |
| PROPANE                                 | 10 - 15 | 74-98-6     | FLAM. GAS 1; H220<br>LIQUEFIED GAS; H280  |
| N-BUTANE                                | 5 - 10  | 106-97-8    | FLAM. GAS 1; H220<br>LIQUEFIED GAS; H280  |
| COPPER POWDER                           | 1 - 3   | 7440-50-8   | AQUATIC ACUTE 1; H400<br>AQUATIC CHRONIC 1; H410  |

ADDITIONAL INFORMATION: NONE

\* THE EXACT PERCENTAGE WITHHELD AS A TRADE SECRET IN ACCORDANCE WITH 29 CFR 1910.1200.

-----SECTION 4: FIRST AID MEASURES -----

DESCRIPTION OF FIRST AID MEASURES:

INHALATION:

MOVE PERSON TO FRESH AIR. IF BREATHING IS LABORED, ADMINISTER OXYGEN.  
IF SYMPTOMS DEVELOP, OBTAIN MEDICAL ATTENTION.

SKIN CONTACT:

WASH AFFECTED SKIN WITH SOAP AND WATER. IF SYMPTOMS DEVELOP, OBTAIN MEDICAL ATTENTION.

EYE CONTACT:

RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. IF EYE IRRITATION PERSISTS, GET MEDICAL ADVICE/ATTENTION.

INGESTION:

DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK MEDICAL TREATMENT. DO NOT INDUCE VOMITING.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:  
MAY BE HARMFUL IF SWALLOWED AND ENTERS AIRWAYS.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:  
IF SWALLOWED:  
IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN. DO NOT INDUCE VOMITING.

-----SECTION 5: FIRE-FIGHTING MEASURES -----

EXTINGUISHING MEDIA:

SUITABLE EXTINGUISHING MEDIA:  
EXTINGUISH WITH CARBON DIOXIDE, DRY CHEMICAL, FOAM OR WATER SPRAY.

UNSUITABLE EXTINGUISHING MEDIA: DO NOT USE WATER JET.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE: NONE

ADVICE FOR FIRE-FIGHTERS:

A SELF CONTAINED BREATHING APPARATUS AND SUITABLE PROTECTIVE CLOTHING SHOULD BE WORN IN FIRE CONDITIONS. KEEP CONTAINERS COOL BY SPRAYING WITH WATER IF EXPOSED TO FIRE.

-----SECTION 6: ACCIDENTAL RELEASE MEASURES -----

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:  
KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING.  
AVOID CONTACT WITH SKIN AND EYES. AVOID BREATHING GAS/SPRAY.

ENVIRONMENTAL PRECAUTIONS:

PREVENT LIQUID ENTERING SEWERS, BASEMENTS AND WORK PITS.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

COVER SPILLS WITH INERT ABSORBENT MATERIAL. TRANSFER TO A CONTAINER FOR DISPOSAL OR RECOVERY.

REFERENCE TO OTHER SECTIONS: NONE

ADDITIONAL INFORMATION: NONE

-----SECTION 7: HANDLING AND STORAGE -----

PRECAUTIONS FOR SAFE HANDLING:

KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING. AVOID CONTACT WITH SKIN AND EYES. USE PRODUCT IN A WELL-VENTILATED AREA ONLY. AVOID BREATHING GAS/SPRAY.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

STORAGE TEMPERATURE:

KEEP IN A COOL, WELL VENTILATED PLACE. STORE AT TEMPERATURES NOT EXCEEDING 50 DEG. C / 122 DEG. F.

INCOMPATIBLE MATERIALS:

THIS PRODUCT SHOULD BE STORED AWAY FROM SOURCES OF STRONG HEAT OR OXIDIZING CHEMICALS.

SPECIFIC END USE(S): LUBRICANT

-----SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION -----

OCCUPATIONAL EXPOSURE LIMITS:

| SUBSTANCE.                                    | CAS NO.     | (8HR TWA)     |                | (STEL)        |                | NOTE           |
|---|-------------|---------------|----------------|---------------|----------------|----------------|
|   |             | PEL<br>(OSHA) | TLV<br>(ACGIH) | PEL<br>(OSHA) | TLV<br>(ACGIH) |                |
| ACETONE                                       | 67-64-1     | 1000          | 500            |               | 750            | ^NIC           |
| PROPANE                                       | 74-98-6     | 1000 PPM      | ASPYX.#        |               |                | #              |
| N-BUTANE                                      | 106-97-8    |               | 250 PPM        |               |                |                |
| HEPTANE,<br>BRANCHED,<br>CYCLIC AND<br>LINEAR | 426260-76-6 | 500 PPM*      | 1500 MG/M3     |               |                | *N-<br>HEPTANE |

^ NIC = NOTICE OF INTENDED CHANGES (ACGIH(R\*))

# ASSURE MINIMUM OXYGEN CONTENT OF WORK ATMOSPHERE.

RECOMMENDED MONITORING METHOD:

- NIOSH 1300 (KETONES I)
- NIOSH 1500 (HYDROCARBONS, B.P. 36 - 126 DEG. C)
- NIOSH 1550 (NAPHTHAS)

EXPOSURE CONTROLS:

APPROPRIATE ENGINEERING CONTROLS:

PROVIDE ADEQUATE VENTILATION TO ENSURE THAT THE OCCUPATIONAL EXPOSURE LIMIT IS NOT EXCEEDED.

PERSONAL PROTECTION EQUIPMENT:

EYE/FACE PROTECTION:

WEAR PROTECTIVE EYEWEAR (GOGGLES, FACE SHIELD, OR SAFETY GLASSES).

SKIN PROTECTION (HAND PROTECTION/OTHER):

WEAR SUITABLE GLOVES IF PROLONGED SKIN CONTACT IS LIKELY (BUTYL RUBBER).  
CHECK WITH PROTECTIVE EQUIPMENT MANUFACTURER'S DATA.

RESPIRATORY PROTECTION:

NORMALLY NO PERSONAL RESPIRATORY PROTECTION IS NECESSARY. IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT. CHECK WITH PROTECTIVE EQUIPMENT MANUFACTURER'S DATA.

THERMAL HAZARDS:

NOT NORMALLY REQUIRED. USE GLOVES WITH INSULATION FOR THERMAL PROTECTION, WHEN NEEDED.

ENVIRONMENTAL EXPOSURE CONTROLS: NONE KNOWN

-----SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES -----

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: AEROSOL SPRAY

COLOR.: BROWNISH

ODOR: PETROLEUM SPIRIT

ODOR THRESHOLD (PPM): NOT AVAILABLE

PH (VALUE): NOT AVAILABLE

MELTING POINT (DEG. C) / FREEZING POINT (DEG. C): NOT AVAILABLE

BOILING POINT/BOILING RANGE (DEG. C): NOT AVAILABLE

FLASH POINT (DEG. C): -104 (PROPANE)

EVAPORATION RATE: NOT AVAILABLE

FLAMMABILITY (SOLID, GAS): FLAMMABLE AEROSOL

EXPLOSIVE LIMIT RANGES: 2.1% - 9.5% V/V (PROPANE)

VAPOR PRESSURE (PASCAL): CA. 95 X 10(4) (PROPANE)

VAPOR DENSITY (AIR=1): CA. 1.56 @ 0 DEG. C (PROPANE)

DENSITY (G/ML): NOT AVAILABLE

SOLUBILITY (WATER): NOT AVAILABLE

SOLUBILITY (OTHER): NOT AVAILABLE

PARTITION COEFFICIENT (N-OCTANOL/WATER): NOT AVAILABLE

AUTO IGNITION POINT (DEG. C): NOT AVAILABLE

DECOMPOSITION TEMPERATURE (DEG. C): NOT AVAILABLE

KINEMATIC VISCOSITY (CST): <20.5 @ 40 DEG. C

EXPLOSIVE PROPERTIES: NOT EXPLOSIVE.

OXIDIZING PROPERTIES: NOT OXIDIZING.

WEIGHT % VOC: 34%

OTHER INFORMATION: NOT AVAILABLE

-----SECTION 10: STABILITY AND REACTIVITY -----

REACTIVITY: STABLE UNDER NORMAL CONDITIONS.

CHEMICAL STABILITY: STABLE.

POSSIBILITY OF HAZARDOUS REACTIONS: NONE ANTICIPATED.

CONDITIONS TO AVOID: AVOID CONTACT WITH HEAT AND IGNITION SOURCES.

INCOMPATIBLE MATERIALS: STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCT(S):  
CARBON MONOXIDE, CARBON DIOXIDE, ACRID SMOKE

-----SECTION 11: TOXICOLOGICAL INFORMATION -----

EXPOSURE ROUTES: INHALATION, SKIN CONTACT, EYE CONTACT

INFORMATION ON TOXICOLOGICAL EFFECTS:

ACETONE (CAS NO. 67-64-1):

ACUTE TOXICITY:

ORAL LD50: 5800 MG/KG (RAT)

DERMAL LD50: >15800 MG/KG (RABBIT)

INHALATION LC50:

76 MG/L (4 HOUR(S)) (RAT) - VAPOURS MAY CAUSE DROWSINESS AND DIZZINESS.

IRRITATION / CORROSIVITY:

CAUSES SERIOUS EYE IRRITATION. REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING.

SENSITISATION: IT IS NOT A SKIN SENSITISER.

REPEATED DOSE TOXICITY:

ORAL NOAEL: 900 MG/KG/DAY (RAT) (90-DAYS)

INHALATION NOAEL: >=19,000 PPM (RAT)

CARCINOGENICITY: IT IS UNLIKELY TO PRESENT A CARCINOGENIC HAZARD TO MAN.

NTP: NO.

IARC: NO.

ACGIH: NO.

OSHA: NO.

NIOSH: NO.

MUTAGENICITY: NEGATIVE

TOXICITY FOR REPRODUCTION: NEGATIVE

OTHER INFORMATION: NONE KNOWN.

HEPTANE, BRANCHED, CYCLIC AND LINEAR (CAS# 426260-76-6) - BY ANALOGY WITH SIMILAR MATERIALS:

ACUTE TOXICITY:

ORAL:

LD50: >5 G/KG-BW

DERMAL:

LD50: >2 G/KG-BW

INHALATION:

LC50: 65 - 103 MG/L (VAPOR), 4-HR. RAT

MAY CAUSE DROWSINESS OR DIZZINESS.

MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

IRRITATION/CORROSIVITY:

CAUSES SKIN IRRITATION. REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING.

MAY CAUSE EYE IRRITATION.

SENSITIZATION: IT IS NOT A SKIN SENSITIZER.

REPEATED DOSE TOXICITY:

NOAEC: 12350 MG/M3 (2 YR, INHAL., RAT, SYSTEMIC EFFECTS)

LOAEC: 1650 MG/M3 (2 HR, INHAL., RAT, CNS EFFECTS)

MAY CAUSE DROWSINESS OR DIZZINESS.

CARCINOGENICITY:

NO DATA. IT IS UNLIKELY TO PRESENT A CARCINOGENIC HAZARD TO MAN.

NTP: NO.

IARC: NO.

ACGIH: NO.

OSHA: NO.

NIOSH: NO.

MUTAGENICITY: THERE IS NO EVIDENCE OF MUTAGENIC POTENTIAL.

REPRODUCTIVE TOXICITY: NOT AVAILABLE

-----SECTION 12: ECOLOGICAL INFORMATION -----

SUBSTANCES IN PREPARATIONS / MIXTURES:

HEPTANE, BRANCHED, CYCLIC AND LINEAR (CAS# 426260-76-6) - BY ANALOGY WITH SIMILAR MATERIALS:

ECOTOXICITY:

SHORT TERM:

LL50 (96 HOUR): >13.4 MG/L (ONCORHYNCHUS MYKISS)

EL50 (48 HOUR): 3 MG/L (DAPHNIA MAGNA, MOBILITY)

EC50 (96 HOUR): 13 MG/L (PSEUDOKIRCHNERELLA SUBCAPITATA)

LONG TERM:

NOELR (28 DAYS) 1.5 MG/L (FISH) QSAR

LOEC (21 DAYS): 0.32 MG/L (DAPHNIA MAGNA)

NOEL (96 HOUR): 6.3 MG/L (ALGAE)

PERSISTENCE AND DEGRADABILITY: READILY BIODEGRADABLE.

BIOACCUMULATIVE POTENTIAL: THE PRODUCT HAS NO POTENTIAL FOR BIOACCUMULATION.

MOBILITY IN SOIL: NOT AVAILABLE.

RESULTS OF PBT AND VPVB ASSESSMENT: NOT CLASSIFIED AS PBT OR VPVB.

OTHER ADVERSE EFFECTS: NONE KNOWN.

COPPER POWDER (CAS# 7440-50-8):

ECOTOXICITY:

SHORT TERM:

LC50 (96 HOUR): 0.034 MG/L (PIMEPHALES PROMELAS)  
 EC50 (48 HOUR): 0.04 MG/L (DAPHNIA MAGNA, MOBILITY)  
 EC50 (72 HOUR): 0.005 MG/L (PHAEODACTYLUM TRICORNUTUM)

LONG TERM:

NOEC (30 DAYS): 0.021 MG/L (S. FONTINALIS)  
 NOEC (27 DAYS): 0.021 MG/L (DREISSENA POLYMORPHA)  
 NOEL (72 HOUR): 0.005 MG/L (PHAEODACTYLUM TRICORNUTUM)

PERSISTENCE AND DEGRADABILITY: NOT AVAILABLE.

BIOACCUMULATIVE POTENTIAL: THE PRODUCT HAS NO POTENTIAL FOR BIOACCUMULATION.

MOBILITY IN SOIL: NOT AVAILABLE.

RESULTS OF PBT AND VPVB ASSESSMENT: NOT CLASSIFIED AS PBT OR VPVB.

OTHER ADVERSE EFFECTS: NONE KNOWN.

-----SECTION 13: DISPOSAL CONSIDERATIONS -----

WASTE TREATMENT METHODS:

DISPOSAL SHOULD BE IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION.  
 CONSULT AN ACCREDITED WASTE DISPOSAL CONTRACTOR OR THE LOCAL AUTHORITY FOR  
 ADVICE.

-----SECTION 14: TRANSPORT INFORMATION -----

|                               | U.S. DOT               | SEA TRANSPORT<br>(IMDG) | AIR TRANSPORT<br>(ICAO/IATA) |
|-------------------------------|------------------------|-------------------------|------------------------------|
| UN NUMBER                     | 1950                   | 1950                    | 1950                         |
| PROPER SHIPPING NAME          | AEROSOLS,<br>FLAMMABLE | AEROSOLS,<br>FLAMMABLE  | AEROSOLS,<br>FLAMMABLE       |
| TRANSPORT HAZARD<br>CLASS(ES) | 2.1                    | 2.1                     | 2.1                          |
| PACKING GROUP                 | NOT<br>APPLICABLE      | NOT<br>APPLICABLE       | NOT<br>APPLICABLE            |
| ENVIRONMENTAL HAZARDS         | NONE ASSIGNED          | NONE ASSIGNED           | NONE ASSIGNED                |

SPECIAL PRECAUTIONS FOR USER NONE ASSIGNED NONE ASSIGNED NONE ASSIGNED

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:  
NOT APPLICABLE

-----SECTION 15: REGULATORY INFORMATION -----

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

TSCA (TOXIC SUBSTANCE CONTROL ACT) - INVENTORY STATUS:  
ALL COMPONENTS LISTED OR POLYMER EXEMPT.

DESIGNATED HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES (40 CFR 302.4):

| CHEMICAL NAME | CAS NO.   | TYPICAL %WT. | RQ (POUNDS) |
|---------------|-----------|--------------|-------------|
| ACETONE       | 67-64-1   | 10 - 20      | 5000        |
| COPPER POWDER | 7440-50-8 | 1 - 3        | 5000        |

SARA 311/312 - HAZARD CATEGORIES:

- (X) FIRE
- (X) SUDDEN RELEASE
- ( ) REACTIVITY
- (X) IMMEDIATE (ACUTE)
- (X) CHRONIC (DELAYED)

SARA 313 - TOXIC CHEMICALS (40 CFR 372):

| CHEMICAL NAME | CAS NO.   | TYPICAL %WT. |
|---------------|-----------|--------------|
| COPPER POWDER | 7440-50-8 | 1 - 3        |

SARA 302 - EXTREMELY HAZARDOUS SUBSTANCES(40 CFR 355):

| CHEMICAL NAME | CAS NO. | TYPICAL %WT. | TPQ (POUNDS) |
|---------------|---------|--------------|--------------|
| NONE          |         |              |              |

CALIFORNIA PROPOSITION 65 LIST:

| CHEMICAL NAME | CAS NO.  | TYPE OF TOXICITY                           |
|---------------|----------|--|
| TOLUENE*      | 108-88-3 | DEVELOPMENTAL, FEMALE REPRODUCTIVE         |
| BENZENE*      | 71-43-2  | CANCER, DEVELOPMENTAL, FEMALE REPRODUCTIVE |
| ACETALDEHYDE* | 75-07-0  | CANCER                                     |

CUMENE\* 98-82-8 CANCER

SILICA,  
CRYSTALLINE-  
QUARTZ (SiO2)\* 7631-86-9 CANCER

\*TRACE

-----SECTION 16: OTHER INFORMATION -----

THE FOLLOWING SECTIONS CONTAIN REVISIONS OR NEW STATEMENTS: 1-16.

DATE OF PREPARATION: OCTOBER 19, 2014

HAZARD STATEMENT(S):

- H220: EXTREMELY FLAMMABLE GAS.
- H225: HIGHLY FLAMMABLE LIQUID AND VAPOR.
- H280: CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED.
- H304: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
- H315: CAUSES SKIN IRRITATION.
- H319: CAUSES SERIOUS EYE IRRITATION.
- H336: MAY CAUSE DROWSINESS OR DIZZINESS.
- H400: VERY TOXIC TO AQUATIC LIFE.
- H401: TOXIC TO AQUATIC LIFE.
- H410: VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
- H412: HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

TRAINING ADVICE: NONE.

DISCLAIMER:

WE BELIEVE THE STATEMENTS, TECHNICAL INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE RELIABLE, BUT THEY ARE GIVEN WITHOUT WARRANTY OR GUARANTEE OF ANY KIND. THE INFORMATION CONTAINED IN THIS DOCUMENT APPLIES TO THIS SPECIFIC MATERIAL AS SUPPLIED. IT MAY NOT BE VALID FOR THIS MATERIAL IF IT IS USED IN COMBINATION WITH ANY OTHER MATERIALS. IT IS THE USER'S RESPONSIBILITY TO SATISFY ONESELF AS TO THE SUITABILITY AND COMPLETENESS OF THIS INFORMATION FOR THE USER'S OWN PARTICULAR USE.

REVISION: DECEMBER 22, 2014