1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

PRODUCT NAME:
ALL PURPOSE RELEASE AGENT (A.P.R.A)

RECOMMENDED USE
AIR ENTRAINING AGENT FOR CONCRETE & MORTAR

SUPPLIER:
CEMIX LIMITED

ADDRESS
19 ALFRED STREET ONEHUNGA, AUCKLAND, NEW ZEALAND.

TELEPHONE:
64 9 636 1000

FACSIMILE:
64 9 636 0000

EMERGENCY CONTACT:

2. HAZARDS IDENTIFICATION

HAZARD CATEGORY: IRRITANT

RISK PHRASES
R25 - TOXIC IF SWALLOWED
R36 - IRRITATING TO EYES
R51 - TOXIC TO AQUATIC ORGANISMS
R65 - HARMFUL, MAY CAUSE LUNG DAMAGE IF SWALLOWED
R65 - REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING

SAFETY PHRASES
S23 - DO NOT BREATHE VAPOUR.
S24 - AVOID CONTACT WITH SKIN
S25 - AVOID CONTACT WITH EYES
S36 - WEAR SUITABLE PROTECTIVE CLOTHING
S37 - WEAR SUITABLE GLOVES
S39 - WEAR EYE / FACE PROTECTION.
S45 - IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE)
S61 - AVOID RELEASE TO THE ENVIRONMENT. REFER TO SPECIAL INSTRUCTIONS/SAFETY DATA SHEETS.
S62 - IF SWALLOWED, DO NOT INDUCE VOMITTING; SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CHEMICAL IDENTITY</th>
<th>CAS NUMBER</th>
<th>PROPORTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIESOLINE</td>
<td>68334-30-5</td>
<td>20 - 25%</td>
</tr>
<tr>
<td>PRIOLENE 6970</td>
<td>112-80-1</td>
<td>4 - 5%</td>
</tr>
<tr>
<td>Refined Mineral Oil</td>
<td>NONE ALLOCATED</td>
<td>72 - 75%</td>
</tr>
</tbody>
</table>

4. FIRST AID

INGESTION:
IF SWALLOWED, RINSE MOUTH WITH WATER IMMEDIATELY. DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.

EYE:
IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER AT LEAST 15 MINUTES. OBTAIN MEDICAL ATTENTION.

SKIN:
REMOVE CONTAMINATED CLOTHING AND WASH WITH PLENTY OF SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

INHALATION:
REMOVE VICTIM TO FRESH AIR. GET MEDICAL AID.

FIRST AID FACILITIES:
EMERGENCY SHOWERS, EYE WASHER SAFETY CLOTHING AND VENTILATION,

5. FIRE FIGHTING MEASURES

TYPES OF HAZARDS:
The product will burn if exposed to a naked flame. Avoid sources of ignition. During fire smoke may contain original material and toxic irritating combustion products of various composition including CO and CO2 and nitrogen products.

FLASH POINT > 75°C

EXTINGUISHING MEDIA
FOAM, DRY CHEMICAL AND CARBON DIOXIDE AND WATER SPRAY (FOG) EXTINGUISHERS ARE SUITABLE.

RECOMMENDED PROTECTIVE CLOTHING:
WEAR SELF-CONTAINED BREATHING APPARATUS, PROTECTIVE FIRE FIGHTING CLOTHING. DO NOT ALLOW CONTAMINATED RUN OFF TO ENTER DRAINS.
6. ACCIDENTAL RELEASE MEASURES

SPILLS AND DISPOSAL:
SPILLS MAY BE SLIPPERY AND SHOULD BE CLEANED IMMEDIATELY. IN CASE OF A SPILL OR LEAKAGE, SOAK UP WITH AN ABSORBENT MATERIAL SUCH AS SAND, SAWDUST, EARTH, ETC. PREVENT PRODUCT SPREADING BY CONSTRUCTING TEMPORARY BARRIERS OF SAND; SOIL, ABSORBENT MATERIAL, ETC. DO STORE SAND OR OTHER INERT MATERIALS SUCH AS SAWDUST IN LARGE QUANTITIES TO USE IN AN EMERGENCY. DO NOT ALLOW CONTAMINATION OF DRAINS OR SEWERS. MAINTAIN SECONDARY CONTAINMENT FACILITIES FOR LARGE STOCKS. MINIMISE THE RUN OFF INTO WATERWAYS OR DRAINS.

CLEAN UP PROCEDURE:
COLLECT SPILLAGE INTO APPROPRIATELY LABELED CONTAINERS FOR STORAGE AWAITING REUSE OR DISPOSAL VIA THE LOCAL WASTE FACILITY AS PER THE REQUIREMENTS OF GOVERNMENT LEGISLATION. THOROUGHLY WASH THE SPILLAGE AREA WITH WATER TO COMPLETE. CONTAIN SPILLAGE AND AVOID ENTRY INTO DRAINS AND WATERWAYS.

EMERGENCY MANAGEMENT OF SPILLS / ACCIDENTAL RELEASE:
MAINTAIN EMERGENCY MANAGEMENT / AND EMERGENCY RESPONSE PLANS FOR SPILLS.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE STANDARDS:
NOT DETERMINED.

EYE PROTECTION REQUIREMENTS:
WEAR CHEMICAL SPLASH GOGGLES OR FACE SHIELDS TO PREVENT CONTACT WITH EYES.

SKIN PROTECTION REQUIREMENTS:
WEAR CHEMICAL RESISTANT GLOVES, OVERALLS AND RESPIRATOR AS NECESSARY TO PREVENT CONTACT WITH SKIN. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

VENTILATION REQUIREMENTS:
USE LOCAL AND GENERAL EXHAUST VENTILATION TO CONTROL THE CONTAMINATION OF AIR.

ADDITIONAL PROTECTIVE MEASURES:
EMERGENCY SHOWERS AND EYE WASH SOLUTIONS SHOULD BE IMMEDIATELY AVAILABLE. HANDLERS SHOULD WASH THEIR HANDS AND FACE BEFORE EATING, DRINKING OR USING TOBACCO PRODUCTS. WASH ANY CONTAMINATED CLOTHING OR PROTECTIVE EQUIPMENT BEFORE REUSE OR STORAGE.

10. STABILITY AND REACTIVITY

STABILITY / POLYMERISATION:
STABLE UNDER NORMAL STORAGE CONDITIONS.

INCOMPATIBLE MATERIALS:
NO PARTICULAR ISSUES.

11. TOXICOLOGICAL INFORMATION

NO ADVERSE HEALTH EFFECTS ARE EXPECTED IF THE PRODUCT IS HANDLED IN ACCORDANCE WITH THIS SAFETY DATA SHEET AND THE PRODUCT LABEL. SYMPTOMS THAT MAY ARISE IF THE PRODUCT IS MISHANDLED ARE:

ACUTE EFFECTS:
INGESTION: SWALLOWING THIS MATERIAL MAY CAUSE ABDOMINAL DISCOMFORT.
EYE: IRRITATING TO THE EYES AND MECHANICAL DAMAGE MAY OCCUR.
SKIN: MAY CAUSE SKIN IRRITATION WITH PROLONGED CONTACT.
INHALATION: IF VAPOUR INHALED, MAY CAUSE IRRITATION TO THE THROAT AND RESPIRATORY TRACT RESULTING IN COUGHING AND SHORTNESS OF BREATH.

TOXICOLOGY:
NO PRODUCT SPECIFIC DATA AVAILABLE.
12. ECOLOGICAL INFORMATION

MOBILITY: HIGH POTENTIAL MOBILITY IN SOIL AND WATERWAYS.
BIODEGRADABILITY: LC50 - FISH (ESTIMATED) 10 mg/L - TOXIC TO FISH AND OTHER AQUATIC LIFE.
ENVIRONMENTAL RISK / SAFETY PHRASES:
R51 - TOXIC TO AQUATIC ORGANISMS.
S61 - AVOID RELEASE TO THE ENVIRONMENT

13. DISPOSAL CONSIDERATIONS

DISPOSE OF THE PRODUCT AS PER LOCAL GOVERNMENT REGULATIONS. ENSURE CONTAINERS ARE EFFECTIVELY CLEARED OF PRODUCT AND DISPOSED OF ACCORDING TO LOCAL AUTHORITY REQUIREMENTS.

15. REGULATORY INFORMATION

HSNO CLASSIFICATIONS:
6.1D (ORAL) – ACUTELY TOXIC
6.3B – IRRITATING TO THE SKIN
6.4A – IRRITATING TO THE EYE
9.1A – AQUATIC ECOTOXICANT