| NI |    |
|----|----|
| IN | U3 |

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|----------------|------------------------------|---------|---------------------------------------|--|
| SECTION        | 1. IDENTIFICATION            |         |                                       |  |
| Produ          | ct name                      | :       | ND9                                   |  |
| Produ          | ct code                      | :       | SCA00000067                           |  |
| Manu           | facturer or supplier's       | deta    | ails                                  |  |
| Comp           | any name of supplier         | :       | DENSO Corporati                       | on   |
| Addre          | SS                           | :       | 1-1, Showa-Cho<br>Kariya-shi Aichi-ko | en, Japan 448-8661                                       |
| Telepł         | none                         | :       | +81-566-25-5511                       |  |
| Emerç          | gency telephone              | :       | +1-760-476-3962                       |  |
| Recor          | nmended use of the o         | cher    | nical and restrictio                  | ons on use   |
| Recor          | nmended use                  | :       | Lubricant                             |  |

## **SECTION 2. HAZARDS IDENTIFICATION**

| GHS Classification<br>Skin sensitization | : | Category 1   |
|--|---|--|
| Reproductive toxicity                    | : | Category 2   |
| GHS Label element<br>Hazard pictograms   | : |  |
| Signal Word                              | : | Warning  |
| Hazard Statements                        | : | H317 May cause an allergic skin reaction.<br>H361 Suspected of damaging fertility or the unborn child.   |
| Precautionary Statements                 | : | <ul> <li>Prevention:</li> <li>P201 Obtain special instructions before use.</li> <li>P202 Do not handle until all safety precautions have been read and understood.</li> <li>P261 Avoid breathing mist or vapors.</li> <li>P272 Contaminated work clothing must not be allowed out of the workplace.</li> <li>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</li> <li>Response:</li> <li>P302 + P352 IF ON SKIN: Wash with plenty of soap and water.</li> <li>P308 + P313 IF exposed or concerned: Get medical advice/</li> </ul> |

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|                |                              | attention.<br>P333 + P313 If<br>attention.<br>P363 Wash cor<br><b>Storage:</b><br>P405 Store lock<br><b>Disposal:</b><br>P501 Dispose o<br>disposal plant. | skin irritation or rash occurs: Get medical advice/<br>ntaminated clothing before reuse.<br>ked up.<br>of contents/ container to an approved waste |

## Other hazards

None known.

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Hazardous ingredients

| Chemical Name                                | CAS-No.   | Concentration (%) |
|--|-----------|-------------------|
| p-tert-butylphenyl 1-(2,3-epoxy)propyl ether | 3101-60-8 | >= 1 - < 5        |
| Tris(methylphenyl) phosphate                 | 1330-78-5 | >= 1 - < 5        |

## **SECTION 4. FIRST AID MEASURES**

| General advice  | : | In the case of accident or if you feel unwell, seek medical<br>advice immediately.<br>When symptoms persist or in all cases of doubt seek medical<br>advice.   |
|---|---|--|
| If inhaled  | : | If inhaled, remove to fresh air.<br>Get medical attention if symptoms occur.   |
| In case of skin contact   | : | In case of contact, immediately flush skin with plenty of water.<br>Remove contaminated clothing and shoes.<br>Get medical attention.<br>Wash clothing before reuse.<br>Thoroughly clean shoes before reuse. |
| In case of eye contact  | : | Flush eyes with water as a precaution.<br>Get medical attention if irritation develops and persists.   |
| If swallowed  | : | If swallowed, DO NOT induce vomiting.<br>Get medical attention if symptoms occur.<br>Rinse mouth thoroughly with water.  |
| Most important symptoms<br>and effects, both acute and<br>delayed | : | May cause an allergic skin reaction.<br>Suspected of damaging fertility or the unborn child.   |
| Protection of first-aiders  | : | First Aid responders should pay attention to self-protection,<br>and use the recommended personal protective equipment<br>when the potential for exposure exists.  |

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|             | Notes to              | o physician                     | :         | Treat symptomatic   | ally and supportively.   |
| SEC         | TION 5.               | FIRE-FIGHTING MEA               | SU        | RES   |  |
|             | Suitable              | extinguishing media             | :         | Water spray<br>Alcohol-resistant fo<br>Dry chemical<br>Carbon dioxide (C                                | oam<br>O2)   |
|             | Unsuital<br>media     | ble extinguishing               | :         | None known.   |  |
|             | Specific<br>fighting  | hazards during fire             | :         | Exposure to comb  | ustion products may be a hazard to health.   |
|             | Hazardo<br>ucts       | ous combustion prod-            | :         | Carbon oxides<br>Oxides of phospho  | orus   |
|             | Specific<br>methods   | extinguishing<br>S              | :         | Use extinguishing<br>circumstances and<br>Use water spray to<br>Remove undamag<br>so.<br>Evacuate area. | measures that are appropriate to local<br>d the surrounding environment.<br>o cool unopened containers.<br>led containers from fire area if it is safe to do |
|             | Special<br>for fire-f | protective equipment<br>ighters | :         | In the event of fire<br>Use personal prote  | , wear self-contained breathing apparatus.<br>ective equipment.  |

## SECTION 6. ACCIDENTAL RELEASE MEASURES

| Personal precautions,<br>protective equipment and<br>emergency procedures | • | Use personal protective equipment.<br>Follow safe handling advice and personal protective<br>equipment recommendations.  |
|---|---|--|
| Environmental precautions   | : | Discharge into the environment must be avoided.<br>Prevent further leakage or spillage if safe to do so.<br>Prevent spreading over a wide area (e.g. by containment or oil<br>barriers).<br>Retain and dispose of contaminated wash water.<br>Local authorities should be advised if significant spillages<br>cannot be contained.   |
| Methods and materials for containment and cleaning up                     | : | Soak up with inert absorbent material.<br>For large spills, provide diking or other appropriate<br>containment to keep material from spreading. If diked material<br>can be pumped, store recovered material in appropriate<br>container.<br>Clean up remaining materials from spill with suitable<br>absorbent.<br>Local or national regulations may apply to releases and<br>disposal of this material, as well as those materials and items |

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|                         |          |                              |  | employed in the cl<br>determine which re<br>Sections 13 and 1<br>certain local or nat   | eanup of releases. You will need to<br>egulations are applicable.<br>5 of this SDS provide information regarding<br>ional requirements. |
| SEC                     | TION 7.  | HANDLING AND STO             | DR/  | AGE   |   |
| Technical measures      |          | :                            | See Engineering r<br>CONTROLS/PER  | neasures under EXPOSURE<br>SONAL PROTECTION section.  |   |
| Local/Total ventilation |          | otal ventilation             | :  | Use only with ade   | quate ventilation.  |
| Advice on safe handling |          | :                            | Do not get on skin<br>Avoid inhalation of<br>Do not swallow.<br>Avoid contact with<br>Handle in accorda<br>practice.<br>Take care to preve<br>environment. | or clothing.<br>vapor or mist.<br>eyes.<br>nce with good industrial hygiene and safety<br>ent spills, waste and minimize release to the |   |
|                         | Conditio | ns for safe storage          | :  | Keep in properly la Store in accordance   | abeled containers.<br>ce with the particular national regulations.  |
|                         | Material | s to avoid                   | :  | Do not store with t<br>Strong oxidizing a   | he following product types:<br>gents  |

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

#### Hazardous components without workplace control parameters

| Ingredients                  | CAS-No.   |
|------------------------------|-----------|
| p-tert-butylphenyl 1-(2,3-   | 3101-60-8 |
| epoxy)propyl ether           |           |
| Tris(methylphenyl) phosphate | 1330-78-5 |

**Engineering measures** : Ensure adequate ventilation, especially in confined areas.

Minimize workplace exposure concentrations.

#### Personal protective equipment

Respiratory protection : General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled

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|                |                              | release, expos<br>circumstance v<br>adequate prote  | ure levels are unknown, or any other<br>where air purifying respirators may not provide<br>action.  |
| Hand<br>Ma     | protection<br>terial         | : Impervious glo  | ves   |
| Remarks        |                              | : Choose gloves<br>on the concent<br>time is not dete<br>For special app<br>resistance to c<br>gloves with the<br>breaks and at t | to protect hands against chemicals depending<br>ration specific to place of work. Breakthrough<br>ermined for the product. Change gloves often!<br>plications, we recommend clarifying the<br>hemicals of the aforementioned protective<br>glove manufacturer. Wash hands before<br>the end of workday. |
| Eye p          | rotection                    | : Wear the follow Safety glasses  | ving personal protective equipment:   |
| Skin a         | and body protection          | : Select appropr<br>resistance data<br>potential.<br>Skin contact m<br>clothing (glove  | iate protective clothing based on chemical<br>a and an assessment of the local exposure<br>ust be avoided by using impervious protective<br>s, aprons, boots, etc).   |
| Hygie          | ne measures                  | : Ensure that ey<br>located close to<br>When using do<br>Wash contamin  | e flushing systems and safety showers are<br>o the working place.<br>o not eat, drink or smoke.<br>nated clothing before re-use.  |

# SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| Appearance                              | : liquid                        |         |
|---|---------------------------------|---------|
| Color                                   | : light yellow                  |         |
| Odor                                    | : slight                        |         |
| Odor Threshold                          | : No data available             |         |
| рН                                      | : No data available             |         |
| Melting point/freezing point            | : -30 °C                        |         |
| Initial boiling point and boiling range | : No data available             |         |
| Flash point                             | : 220 °C<br>Method: Cleveland o | pen cup |
| Evaporation rate                        | : No data available             |         |
| Flammability (solid, gas)               | : Not applicable                |         |
|   |                                 |         |

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| Up             | per explosion limit                    | : No data available         |  |
| Lo             | wer explosion limit                    | : No data available         |  |
| Va             | por pressure                           | : No data available         |  |
| Re             | lative vapor density                   | : No data available         |  |
| De             | ensity                                 | : 1.0610 g/cm3              |  |
| So             | lubility(ies)<br>Water solubility      | : insoluble                 |  |
| Pa<br>oct      | rtition coefficient: n-<br>tanol/water | : Not applicable            |  |
| Au             | toignition temperature                 | : No data available         |  |
| Th             | ermal decomposition                    | : No data available         |  |
| Vis            | scosity<br>Viscosity, dynamic          | : No data available         |  |
| Ex             | plosive properties                     | : Not explosive             |  |
| Ox             | idizing properties                     | : The substance or          | mixture is not classified as oxidizing.                  |

## SECTION 10. STABILITY AND REACTIVITY

| Reactivity                              | : | Not classified as a reactivity hazard.         |
|---|---|--|
| Chemical stability                      | : | Stable under normal conditions.                |
| Possibility of hazardous reac-<br>tions | : | Can react with strong oxidizing agents.        |
| Conditions to avoid                     | : | None known.                                    |
| Incompatible materials                  | : | Oxidizing agents                               |
| Hazardous decomposition products        | : | No hazardous decomposition products are known. |

## SECTION 11. TOXICOLOGICAL INFORMATION

| Information on likely routes of exposure |
|--|
| Inhalation                               |
| Skin contact                             |
| Ingestion                                |
| Eye contact                              |
|  |

## Acute toxicity

Not classified based on available information.

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|-------------|--|---|---|
| <u> </u>    | Product:<br>Acute dermal toxicity                    | : Acute toxicity esti<br>Method: Calculati  | mate : > 5,000 mg/kg<br>on method   |
| -           | Ingredients:   |   |   |
| )           | o-tert-butylphenyl 1-(2,3-epc<br>Acute oral toxicity | <ul> <li>bxy)propyl ether:</li> <li>LD50 (Rat): &gt; 2,0</li> <li>Method: OECD To<br/>Assessment: The<br/>toxicity</li> </ul> | 00 mg/kg<br>est Guideline 425<br>substance or mixture has no acute oral               |
| ,           | Acute dermal toxicity                                | : LD50 (Rat): > 2,0<br>Method: OECD To<br>Assessment: The<br>toxicity   | 00 mg/kg<br>est Guideline 402<br>substance or mixture has no acute dermal             |
| -           | Tris(methylphenyl) phospha<br>Acute oral toxicity    | <b>ite:</b><br>: LD50 (Rat): > 5,0  | 00 mg/kg  |
|             |  | Acute toxicity esti<br>Method: Expert ju<br>Remarks: Based<br>1272/2008, Anne:  | mate : 500 mg/kg<br>dgment<br>on harmonised classification in EU regulation<br>< VI   |
| ,           | Acute inhalation toxicity                            | : LC50 (Rat): > 11.<br>Exposure time: 1<br>Test atmosphere:   | 1 mg/l<br>h<br>dust/mist  |
| /           | Acute dermal toxicity                                | : LD50 (Rabbit): 3,   | 700 mg/kg   |
|             |  | Acute toxicity esti<br>Method: Expert ju<br>Remarks: Based<br>1272/2008, Anne:  | mate : 1,100 mg/kg<br>dgment<br>on harmonised classification in EU regulation<br>k VI |

## Skin corrosion/irritation

Not classified based on available information.

## Ingredients:

**p-tert-butylphenyl 1-(2,3-epoxy)propyl ether:** Result: Skin irritation

#### Tris(methylphenyl) phosphate:

Species: Rabbit Result: No skin irritation

#### Serious eye damage/eye irritation

Not classified based on available information.

## Ingredients:

**p-tert-butylphenyl 1-(2,3-epoxy)propyl ether:** Species: Rabbit Result: No eye irritation

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Method: OECD Test Guideline 405

#### Tris(methylphenyl) phosphate: Species: Rabbit

Result: No eye irritation

#### Respiratory or skin sensitization

Skin sensitization: May cause an allergic skin reaction. Respiratory sensitization: Not classified based on available information.

#### Ingredients:

## p-tert-butylphenyl 1-(2,3-epoxy)propyl ether:

Test Type: Local lymph node assay (LLNA) Routes of exposure: Skin contact Species: Mouse Method: OECD Test Guideline 429 Result: positive

Assessment: Probability or evidence of skin sensitization in humans

#### Tris(methylphenyl) phosphate:

Test Type: Local lymph node assay (LLNA) Routes of exposure: Skin contact Species: Mouse Method: OECD Test Guideline 429 Result: Equivocal

#### Germ cell mutagenicity

Not classified based on available information.

#### Ingredients:

## p-tert-butylphenyl 1-(2,3-epoxy)propyl ether:

| Genotoxicity in vitro                   | : Test Type: Chromosome aberration test in vitro<br>Method: OECD Test Guideline 473<br>Result: positive     |
|---|---|
|   | : Test Type: Bacterial reverse mutation assay (AMES)<br>Method: OECD Test Guideline 471<br>Result: negative |
| Germ cell mutagenicity- As-<br>sessment | : Weight of evidence does not support classification as a germ cell mutagen.                                |
| Tris(methylphenyl) phosphat             | :   |
| Genotoxicity in vitro                   | : Test Type: Chromosome aberration test in vitro<br>Result: negative  |
|   | : Test Type: Bacterial reverse mutation assay (AMES)<br>Result: negative                                    |
|   | : Test Type: In vitro sister chromatid exchange assay in mam-<br>malian cells                               |

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| Carc           | inogenicity                     |                  |  |   |
| Not c          | lassified based on availa       | ble ir           | nformation.  |   |
| IAR            | 2                               | No<br>equ<br>hur | ingredient of this<br>ual to 0.1% is iden<br>man carcinogen by | product present at levels greater than or<br>tified as probable, possible or confirmed<br>/ IARC. |
| OSH            | IA                              | No<br>equ<br>ger | ingredient of this<br>ual to 0.1% is iden<br>n by OSHA.        | product present at levels greater than or tified as a carcinogen or potential carcino-            |
| NTP            |                                 | No<br>equ<br>by  | ingredient of this<br>ual to 0.1% is iden<br>NTP.              | product present at levels greater than or tified as a known or anticipated carcinogen             |
| Repr           | oductive toxicity               |                  | h a sur h a na ah 11 d   |   |
| Susp           | ected of damaging fertility     | y or t           | ne unborn child.   |   |
| Ingr           | edients:                        |                  |  |   |
| Tris(          | methylphenyl) phospha           | ite:             | Toot Typo: Opo a   | paration reproduction toxicity study  |
| Ellec          |                                 | •                | Species: Rat   |   |
|                |                                 |                  | Application Route:   | Ingestion   |
|                |                                 |                  | Result: positive   |   |
| Effec          | ts on fetal development         | :                | Test Type: Embry<br>Species: Rat                               | o-fetal development   |
|                |                                 |                  | Method: OPPTS 8<br>Result: positive                            | 70.3700   |
| Repr<br>sess   | oductive toxicity - As-<br>ment | :                | Some evidence of fertility, and/or on                          | adverse effects on sexual function and development, based on animal experiments.                  |
| 070            | <b>-</b>                        |                  |  |   |

#### STOT-single exposure

Not classified based on available information.

## STOT-repeated exposure

Not classified based on available information.

## Repeated dose toxicity

# Ingredients:

Tris(methylphenyl) phosphate: Species: Rat NOAEL: 1,000 mg/kg Application Route: Ingestion Exposure time: 3 m

## Aspiration toxicity

Not classified based on available information.

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| SECTIO             | N 12. ECOLOGICAL INFO   | DRN              | ATION  |   |  |
| Eco                | otoxicity   |                  |  |   |  |
| Ing                | redients:   |                  |  |   |  |
| <b>p-te</b><br>Tox | ert-butylphenyl 1-(2,3-epc<br>icity to fish                         | <b>xy</b> ]<br>: | Dropyl ether:<br>LC50 (Oncorhync<br>Exposure time: 96<br>Method: OECD To | hus mykiss (rainbow trout)): 7.5 mg/l<br>5 h<br>est Guideline 203         |  |
| Tox<br>aqu         | icity to daphnia and other atic invertebrates                       | :                | EC50 (Daphnia m<br>Exposure time: 48<br>Method: OECD Te                  | agna (Water flea)): 67.9 mg/l<br>3 h<br>est Guideline 202                 |  |
| Тох                | icity to algae  | :                | EC50 (Pseudokiro<br>Exposure time: 72<br>Method: OECD Te                 | chneriella subcapitata (green algae)): 9 mg/l<br>? h<br>est Guideline 201 |  |
| Тох                | icity to bacteria   | :                | EC50: > 1,000 mg<br>Exposure time: 3<br>Method: OECD Te                  | j/l<br>h<br>est Guideline 209   |  |
| <b>Tris</b><br>Tox | <b>s(methylphenyl) phospha</b><br>icity to fish                     | ite:<br>:        | LC50 (Oncorhync<br>Exposure time: 96                                     | hus mykiss (rainbow trout)): 0.6 mg/l<br>s h                              |  |
| Tox<br>aqu         | icity to daphnia and other atic invertebrates                       | :                | EC50 (Daphnia m<br>Exposure time: 48                                     | agna (Water flea)): 0.146 mg/l<br>s h                                     |  |
| Тох                | icity to algae  | :                | EL50 (Selenastru<br>mg/l<br>Exposure time: 72                            | m capricornutum (green algae)): > 2.500<br>? h                            |  |
|                    |   |                  | NOEC (Selenastru<br>mg/l<br>Exposure time: 72                            | um capricornutum (green algae)): > 2.500<br>? h                           |  |
| M-F<br>icity       | actor (Acute aquatic tox-   | :                | 1  |   |  |
| Tox<br>toxi        | icity to fish (Chronic<br>city)                                     | :                | NOEC (Jordanella<br>Exposure time: 28                                    | a floridae): 0.01 mg/l<br>3 d   |  |
| Tox<br>aqu<br>(Ch  | icity to daphnia and other<br>atic invertebrates<br>ronic toxicity) | :                | NOEC (Daphnia r<br>Exposure time: 21                                     | nagna (Water flea)): 0.1 mg/l<br>d  |  |
| M-F<br>toxi        | actor (Chronic aquatic<br>city)                                     | :                | 10   |   |  |
| Тох                | icity to bacteria   | :                | EC50: > 1,000 mg<br>Exposure time: 3                                     | ı/l<br>h  |  |

| D9   |   |  |   |  |  |
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| Persis   | stence and degrada  | bility   |   |  |  |
| Ingree   | dients:   |  |   |  |  |
| <b>p-tert</b><br>Biode                                     | <b>-butylphenyl 1-(2,3-e</b><br>gradability                   | epoxy)propyl ether:<br>: Result: Not read<br>Biodegradation:<br>Exposure time: :<br>Method: OECD | lily biodegradable.<br>1.1 %<br>28 d<br>Test Guideline 301D |  |  |
| <b>Tris(methylphenyl) phosphate:</b><br>Biodegradability : |   | bhate:<br>: Result: Not read<br>Biodegradation:<br>Exposure time: :                              | lily biodegradable.<br>24.2 %<br>28 d                       |  |  |
| Bioaccumulative potential                                  |   |  |   |  |  |
| Ingree   | dients:   |  |   |  |  |
| <b>p-tert</b><br>Partiti<br>octanc                         | -butylphenyl 1-(2,3-e<br>on coefficient: n-<br>ol/water       | epoxy)propyl ether:<br>: log Pow: 3.59   |   |  |  |
| <b>Tris(n</b><br>Partiti<br>octanc                         | <b>nethylphenyl) phos</b> p<br>on coefficient: n-<br>ol/water | bhate:<br>: log Pow: 5.93  |   |  |  |
| Mobil  | ity in soil   |  |   |  |  |
| No da  | ta available  |  |   |  |  |
| Other  | adverse effects   |  |   |  |  |
| No da  | ta available  |  |   |  |  |

| Disposal methods       |  |
|------------------------|--|
| Waste from residues    | : Dispose of in accordance with local regulations.   |
| Contaminated packaging | : Dispose of as unused product.<br>Empty containers should be taken to an approved waste<br>handling site for recycling or disposal. |

## **SECTION 14. TRANSPORT INFORMATION**

| International Regulation   |   |
|----------------------------|---|
| <b>UNRTDG</b><br>UN number | : UN 3082   |
| Proper shipping name       | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,<br>N.O.S.<br>(Tris(methylphenyl) phosphate, p-tert-butylphenyl 1-(2.3- |
| Class                      | epoxy)propyl ether)<br>: 9  |

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|----------------|---|---|---|--|--|--|
| Pac            | king group                              | : 111   |   |  |  |  |
| Labe           | els                                     | : 9   |   |  |  |  |
| IAT            | A-DGR                                   |   |   |  |  |  |
| UN/            | ID No.                                  | : UN 3082   |   |  |  |  |
| Prop           | per shipping name                       | : Environmentally<br>(Tris(methylpher<br>epoxy)propyl eth | hazardous substance, liquid, n.o.s.<br>nyl) phosphate, p-tert-butylphenyl 1-(2,3-<br>ner)   |  |  |  |
| Clas           | S                                       | : 9   | ,   |  |  |  |
| Pac            | king group                              | : 111   |   |  |  |  |
| Labe           | els                                     | : Miscellaneous   |   |  |  |  |
| Pacl<br>aircr  | king instruction (cargo<br>raft)        | : 964   |   |  |  |  |
| Pacl<br>(pas   | king instruction<br>senger aircraft)    | : 964   |   |  |  |  |
| IMD            | G-Code                                  |   |   |  |  |  |
| UN             | number                                  | : UN 3082   |   |  |  |  |
| Prop           | per shipping name                       | : ENVIRONMENT   | ALLY HAZARDOUS SUBSTANCE, LIQUID,   |  |  |  |
|                |   | (Tris(methylpher<br>epoxy)propyl eth                      | nyl) phosphate, p-tert-butylphenyl 1-(2,3-<br>ner)  |  |  |  |
| Clas           | S                                       | : 9   |   |  |  |  |
| Pac            | king group                              | : !!!   |   |  |  |  |
| Labe           | els<br>Codo                             | : 9<br>· EA SE  |   |  |  |  |
| ⊑ma<br>Mari    | ine pollutant                           | . F-A, 3-F<br>. Ves                                       |   |  |  |  |
| Trar           | nsport in bulk accordin                 | ig to Annex II of MAR                                     | POL 73/78 and the IBC Code  |  |  |  |
| Not            | Not applicable for product as supplied. |   |   |  |  |  |
| Don            | nestic regulation                       |   |   |  |  |  |
| 49 C           | FR                                      |   |   |  |  |  |
| UN/            | ID/NA number                            | : UN 3082   |   |  |  |  |
| Prop           | per shipping name                       | : ENVIRONMENT<br>N.O.S.                                   | ALLY HAZARDOUS SUBSTANCE, LIQUID,   |  |  |  |
|                |   | (Tris(methylpher<br>epoxy)propyl eth                      | nyl) phosphate, p-tert-butylphenyl 1-(2,3-<br>ner)  |  |  |  |
| Clas           | S                                       | : 9   |   |  |  |  |
| Pac            | king group                              | : 111   |   |  |  |  |
| Labe           | els                                     | : CLASS 9   |   |  |  |  |
| ERG            | GCode                                   | : 171   |   |  |  |  |
| Mari           | ine pollutant                           | : yes (Tris(methyl<br>epoxy)propyl eth                    | phenyl) phosphate, p-tert-butylphenyl 1-(2,3-<br>ner)   |  |  |  |
| Rem            | narks                                   | : Shipment by gro<br>may be shipped<br>facilitate multi-m | und under DOT is non-regulated; however it<br>per the applicable hazard classification to<br>odal transport involving ICAO (IATA) or IMO. |  |  |  |

## **SECTION 15. REGULATORY INFORMATION**

## EPCRA - Emergency Planning and Community Right-to-Know

## ND9

| Version | Revision Date: | MSDS Number: | Da |
|---------|----------------|--------------|----|
| 1.0     | 11/18/2014     | 30429-00001  | Da |

Date of last issue: -Date of first issue: 11/18/2014

#### **CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

## SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

| SARA 311/312 Hazards | : A<br>C       | Acute Health Hazard<br>Chronic Health Hazard   |
|----------------------|----------------|--|
| SARA 302             | : N<br>re      | No chemicals in this material are subject to the reporting equirements of SARA Title III, Section 302.   |
| SARA 313             | : T<br>k<br>r( | This material does not contain any chemical components with<br>known CAS numbers that exceed the threshold (De Minimis)<br>eporting levels established by SARA Title III, Section 313. |

#### **US State Regulations**

# Pennsylvania Right To Know

|              | Carbonic acid, dimethyl ester, polymer with<br>3-methyl-1,5-pentaediol, diheptyl ester | 464892-96-4 | 50 - 70 % |
|--------------|--|-------------|-----------|
|              | Poly(propyleneglycol diacetate)  | 62576-71-0  | 20 - 30 % |
| New Jersey R | ight To Know   |             |           |
|              | Carbonic acid, dimethyl ester, polymer with 3-methyl-1,5-pentaediol, diheptyl ester    | 464892-96-4 | 50 - 70 % |
|              | Poly(propyleneglycol diacetate)  | 62576-71-0  | 20 - 30 % |
|              | Benzene, mono-C15-36-branched alkyl derivs., C24-rich                                  | 90171-05-4  | 1 - 5 %   |
|              | Benzene, mono-C12-13-branched alkyl<br>derivs., fractionation bottoms                  | 151911-58-9 | 1 - 5 %   |
|              | p-tert-butylphenyl 1-(2,3-epoxy)propyl ether   | 3101-60-8   | 1 - 5 %   |
|              | Tris(methylphenyl) phosphate   | 1330-78-5   | 1 - 5 %   |
|              |  |             |           |

#### **California Prop 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

# SAFETY DATA SHEET

ND9



Sources of key data used to compile the Material Safety Data Sheet

: Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, http://echa.europa.eu/

Revision Date : 11/18/2014

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 is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

US / Z8