Lilly

# SAFETY DATA SHEET

| 1. Identification             |   |  |   |  |
|-------------------------------|---|--|---|--|
| Product identifier            | Symbyax®  |  |   |  |
| Other means of identification |   |  |   |  |
| Item Code                     |   | B02079, B02081, ND1086, ND1087, ND1088, ND1089, PU3230, PU3231, PU3232, PU3233, PU3234, UC9560, UC9561, UC9562, UC9563   |   |  |
| Synonyms                      | Benzenepropanamine, N-r   | 10H-Thieno[2,3-b][1,5]benzodiazepine, 2-methyl-4-(4-methyl-1-piperazinyl)- *<br>Benzenepropanamine, N-methyl-gamma-[4-(trifluoromethyl)phenoxy]-, hydrochloride *<br>110140/170053 Formulation * LY900000 * OFC Capsules * Olanzapine Fluoxetine Capsule Mix |   |  |
| LY Number                     | LY900000  | LY900000   |   |  |
| Recommended use               | Pharmaceutical  |  |   |  |
| Recommended restrictions      | None known.   |  |   |  |
| Manufacturer/Importer/Suppli  | er/Distributor information  |  |   |  |
| Manufacturer                  |   |  |   |  |
| Company name                  | Eli Lilly and Company   |  |   |  |
| Address                       | Lilly Corporate Center  |  |   |  |
|                               | Indianapolis, IN 46285  |  |   |  |
| Telephone                     | United States   | 1 217 276 200  | 20                                      |  |
| Telephone<br>E-mail           | Phone:<br>lilly_sds@lilly.com   | +1-317-276-200   | 50                                      |  |
| Emergency phone number        | CHEMTREC:   | +1-800-424-930   | n                                       |  |
|                               |   | 1-000-424-950  | 50                                      |  |
| 2. Hazard(s) identification   | on  |  |   |  |
| Physical hazards              | Not classified.   |  |   |  |
| Health hazards                | Acute toxicity, oral  |  | Category 4                              |  |
|                               | Skin corrosion/irritation   |  | Category 2                              |  |
|                               | Serious eye damage/eye i  | rritation  | Category 1                              |  |
|                               | Sensitization, skin   |  | Category 1                              |  |
|                               | Specific target organ toxic   | ity, single exposure   | e Category 3 narcotic effects           |  |
|                               | Specific target organ toxic<br>exposure   | ity, repeated  | Category 2                              |  |
| OSHA defined hazards          | Not classified.   |  |   |  |
| Label elements                |   |  |   |  |
|                               |   |  |   |  |
| Signal word                   | Danger  |  |   |  |
| Hazard statement              |   |  |   |  |
| H302                          | Harmful if swallowed.   |  |   |  |
| H315                          | Causes skin irritation.   |  |   |  |
| H318                          | Causes serious eye dama<br>May cause an allergic skin   |  |   |  |
| H317<br>H336                  | May cause drowsiness or   |  |   |  |
| H373                          | •   |  | through prolonged or repeated exposure. |  |
| Precautionary statement       |   |  |   |  |
| Prevention                    |   |  |   |  |
| P260                          | Do not breathe dust.  |  |   |  |
| P264                          | Wash thoroughly after har   |  |   |  |
| P270                          | Do not eat, drink or smoke  |  |   |  |
| P272                          |   |  | lowed out of the workplace.             |  |
| P271                          | Use only outdoors or in a well-ventilated area.<br>Wear protective gloves/protective clothing/eye protection/face protection. |  |   |  |
| P280                          | wear protective gloves/pro  | noouve olounny/ey  |   |  |

| Response                                     |   |
|--|---|
| P301 + P312<br>P330<br>P304 + P340           | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.<br>Rinse mouth.<br>IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. |
| P305 + P351 +<br>P338                        | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  |
| P310<br>P302 + P352                          | Immediately call a POISON CENTER/doctor.<br>IF ON SKIN: Wash with plenty of soap and water.   |
| P332 + P313<br>P363                          | If skin irritation occurs: Get medical advice/attention.<br>Wash contaminated clothing before reuse.  |
| Storage                                      |   |
| P405<br>P403 + P233                          | Store locked up.<br>Store in a well-ventilated place. Keep container tightly closed.  |
| Disposal                                     |   |
| P501   | Dispose of contents/container in accordance with local/regional/national/international regulations.   |
| Hazard(s) not otherwise<br>classified (HNOC) | None known.   |

# 3. Composition/information on ingredients

Mixtures

| Chemical name  | Common name and synonyms   | CAS number   | %   |
|--|--|--|---|
| Fluoxetine Hydrochloride   | (3S)-N-methyl-3-phenyl-3-[4-(trifluoromet<br>hyl)phenoxy]propan-1-amine<br>hydrochloride   | 56296-78-7   | 12 - 19   |
| Olanzapine   | 2-methyl-4-(4-methylpiperazine-1-yl)-10H<br>-thieno[2,3-b][1,5]benzodiazepine  | 132539-06-1  | 1 - 6   |
| Composition comments   | Remaining components of this product are non-habelow reportable levels.  | azardous and/or are pres   | ent at concentrations   |
| 4. First-aid measures  |  |  |   |
| Inhalation   | Move to fresh air. Oxygen or artificial respiration if   | needed. Get medical att  | ention immediately.   |
| Skin contact   | Immediately flush skin with plenty of water. Remomedical attention if irritation develops and persists   |  |   |
| Eye contact  | In case of eye contact, remove contact lens and ri<br>the eyelids, for at least 15 minutes. Get medical a  |  | nty of water, also under  |
| Ingestion  | Give several glasses of water. Never give anythin<br>having convulsions. Call a physician or poison co   |  | no is unconscious or is   |
| Most important<br>symptoms/effects, acute and<br>delayed                     | Harmful if swallowed. Causes eye burns. May cause allergic skin reaction. May cause drowsiness or dizziness. Increased heart rate. Seizures. May cause damage to the liver. Risk of damage to blood system. Symptoms reported in olanzapine overdose include changes in heart rate and rhythm, slurred speech, reduced level of consciousness ranging from sedation to coma, convulsion, and muscle rigidity.  |  |   |
| Indication of immediate<br>medical attention and special<br>treatment needed | Olanzapine fluoxetine combination - In managing overdose, consider the possibility of multiple drug involvement. Symptomatic treatment and monitoring of vital organ function should be instituted according to clinical presentation, including treatment of hypotension and circulatory collapse and support of respiratory function. Do not use epinephrine, dopamine, or sympathomimetic agents with beta-agonist activity since beta stimulation may worsen hypotension   |  |   |
|  | Olanzapine - There is no specific antidote for ola<br>recommended. Standard procedures for manager<br>lavage, administration of activated charcoal). The<br>was shown to reduce the oral bioavailability of ola<br>and monitoring of vital organ function should be in<br>including treatment of hypotension and circulatory<br>not use epinephrine, dopamine, or other sympathe<br>beta stimulation may worsen hypotension.   | nent of overdose may be<br>concomitant administrati<br>nzapine by 50 to 60%. S<br>istituted according to clin<br>collapse and support of | indicated (i.e. gastric<br>on of activated charcoal<br>ymptomatic treatment<br>ical presentation,<br>respiratory function. Do |
|  | Fluoxetine Hydrochloride - Cardiac and vital signs monitoring is recommended, along with general symptomatic and supportive measures. No specific antidote is known. Forced diuresis, dialysis, haemoperfusion, and exchange transfusion are unlikely to be of benefit. In limited human overdose experience, seizures have been reported. Appropriate seizure precautions are advised for any patient regularly taking fluoxetine who has been exposed to an acute overdose. Based on experience in animals, which may not be relevant to humans, fluoxetine-induced seizures that fail to remit spontaneously may respond to diazepam. |  |   |

## 5. Fire-fighting measures

| Suitable extinguishing media                                     | Water. Carbon dioxide (CO2). Dry chemical.                       |
|--|--|
| Unsuitable extinguishing media                                   | None known.  |
| Specific hazards arising from the chemical                       | Hazardous decomposition products formed under fire conditions.   |
| Special protective equipment<br>and precautions for firefighters | Wear self-contained breathing apparatus and protective clothing. |

## 6. Accidental release measures

| Personal precautions,<br>protective equipment and<br>emergency procedures | Wear suitable protective clothing, gloves and eye/face protection. Do not breathe dust. See Section 8 of the SDS for Personal Protective Equipment.                        |
|---|--|
| Methods and materials for<br>containment and cleaning up                  | Do not sweep. Vacuum material with appropriate dust collection filter in place. If vacuum is not available, lightly mist/wet material and remove by mopping or wet wiping. |
| Environmental precautions   | Prevent further leakage or spillage if safe to do so. Prevent spilled material from flowing onto adjacent land or into streams, ponds, or lakes.                           |
| 7. Handling and storage   |  |

**Precautions for safe handling** Do not get in eyes and avoid contact with skin and clothing. Do not breathe dust. Use only with adequate ventilation. Wear personal protective equipment. Wash hands thoroughly after handling. See Section 8 of the SDS for Personal Protective Equipment.

Conditions for safe storage, including any incompatibilities

Storage temperature: between 15 and 30 C (59 to 86 F).

# 8. Exposure controls/personal protection

#### **Occupational exposure limits**

| Lilly (LEG)<br>Components                    | Туре  | Value            |
|--|---|------------------|
| Fluoxetine Hydrochloride<br>(CAS 56296-78-7) | TWA (12hrs)   | 30 ug/m3         |
|  | TWA (8hrs)  | 50 ug/m3         |
| Olanzapine (CAS<br>132539-06-1)              | STEG (15min)  | 114 ug/m3        |
|  | TWA (12hrs)   | 38 ug/m3         |
|  | TWA (8hrs)  | 50 ug/m3         |
| Biological limit values                      | No biological exposure limits noted for th  | e ingredient(s). |
| Appropriate engineering<br>controls          | Open handling is not recommended. Use appropriate control measures such as fume hood, ventilated enclosure, local exhaust ventilation, or down-draft booth.                             |                  |
| Individual protection measure                | s, such as personal protective equipment  |                  |
| Eye/face protection                          | Safety glasses with side shields recommended. If splash potential or dusty operations, wear goggles/faceshield.   |                  |
| Skin protection                              |   |                  |
| Hand protection                              | Chemical resistant gloves.  |                  |
| Other  | Chemical-resistant gloves and impermeable body covering to minimize skin contact.   |                  |
| Respiratory protection                       | If the applicable occupational exposure level (OEL) is anticipated to be exceeded, wear an<br>approved respirator with sufficient protection factor to control exposure below the OEL.  |                  |
| General hygiene<br>considerations            | Engineering controls should be used as the primary means to control workplace exposures.<br>Follow good workplace hygiene practices such as washing hands after handling this material. |                  |
| 9. Physical and chemica                      | l properties  |                  |
| •  | Concular containing alightly valley to val  |                  |

| Appearance     | Capsules containing slightly yellow to yellow powder |
|----------------|--|
| Physical state | Solid.   |
| Form           | Capsule  |
| Color          | Yellow   |
| Odor           | Odorless   |
| Odor threshold | Not available.                                       |
| рН             | Not available.                                       |
|                |  |

| Melting point/freezing point               | Not available.   |
|--|--|
| Initial boiling point and boiling range    | Not available.   |
| Flash point                                | Not applicable.  |
| Evaporation rate                           | Not available.   |
| Flammability (solid, gas)                  | No test data available.  |
| Upper/lower flammability or exp            | losive limits  |
| Explosive limit - lower (%)                | Not available.   |
| Explosive limit - upper (%)                | Not available.   |
| Vapor pressure                             | Not available.   |
| Vapor density                              | Not available.   |
| Relative density                           | Not available.   |
| Solubility(ies)                            |  |
| Solubility (water)                         | Soluble in water.  |
| Partition coefficient<br>(n-octanol/water) | 0.93 (pH 5)(Fluoxetine Hydrochoride)   |
|  | 1.78 (pH 7)(Fluoxetine Hydrochoride)<br>2.63 (pH 9)(Fluoxetine Hydrochoride) |
| Auto-ignition temperature                  | Not available.   |
| Decomposition temperature                  | Not available.   |
| Viscosity                                  | Not available.   |
| Other information                          |  |
| Explosive properties                       | Not explosive.   |
| Oxidizing properties                       | No oxidizing properties.   |
| 10. Stability and reactivity               |  |
| Reactivity                                 | Not water reactive.  |
| Chemical stability                         | Material is stable under normal conditions.                                  |
| Possibility of hazardous reactions         | Hazardous polymerization does not occur.                                     |

| louonono                            |  |
|-------------------------------------|--|
| Conditions to avoid                 | None known.  |
| Incompatible materials              | Strong oxidizing agents.                                       |
| Hazardous decomposition<br>products | Hazardous decomposition products formed under fire conditions. |

# 11. Toxicological information

Information on toxicological effects

Acute toxicity

Harmful if swallowed. The formulated material is not expected to pose an inhalation hazard.

| Components                 | Species         | Test Results   |
|----------------------------|-----------------|----------------|
| Fluoxetine Hydrochloride ( | CAS 56296-78-7) |                |
| <u>Acute</u>               |                 |                |
| Dermal                     |                 |                |
| LD50                       | Rabbit          | > 500 mg/kg    |
| Inhalation                 |                 |                |
| LC50                       | Rat             | 898 mg/m3, 1 h |
| Oral                       |                 |                |
| LD50                       | Monkey          | > 50 mg/kg     |
|                            | Mouse           | 248 mg/kg      |
|                            | Rat             | 451 mg/kg      |
| Olanzapine (CAS 132539-    | 06-1)           |                |
| Acute                      |                 |                |
| Dermal                     |                 |                |
| LD50                       | Rabbit          | > 200 mg/kg    |
|                            |                 |                |

| Components  | Species  | Test Results   |  |
|---|--|--|--|
| Inhalation  |  |  |  |
| LC0   | Rat  | > 880 mg/m3, 4 h   |  |
| Oral  |  |  |  |
| LD50  | Monkey   | > 100 mg/kg  |  |
|   | Rat  | 177 mg/kg  |  |
| Skin corrosion/irritation                             |  | zapine) (Fluoxetine hydrochloride)<br>orted with occupational exposure. (Fluoxetine hydrochloride)   |  |
| Serious eye damage/eye irritation                     | Rabbit: Corrosive. (Fluoxet<br>Rabbit: Irritating. (Olanzap  |  |  |
| Respiratory or skin sensitization                     | n  |  |  |
| Respiratory sensitization                             | Due to lack of data the clas   | -  |  |
| Skin sensitization                                    | have been reported. Symp   | on laboratory animals. Confirmed cases of allergic contact dermatitis<br>toms have included rash with redness, swelling, and scaling of the<br>re reactions have been verified by patch testing with olanzapine (0.1%).  |  |
| Germ cell mutagenicity                                | Result in genetic toxicity as<br>Olanzapine)   | ssays (in vitro and in vivo): Negative (Fluoxetine hydrochloride and   |  |
| Carcinogenicity                                       | Olanzapine produced man<br>effects of compounds that<br>the role of elevated prolact   | Animal testing did not show any carcinogenic effects. (Fluoxetine hydrochloride)<br>Olanzapine produced mammary tumors in female rats and female mice. This is consistent with<br>effects of compounds that elevate prolactin levels in rodents. There is no clear understanding of<br>the role of elevated prolactin in human mammary carcinogenesis. (Olanzapine)<br>Based on available data, the classification criteria are not met.   |  |
| IARC Monographs. Overall                              | Evaluation of Carcinogenic   | ity  |  |
| Not listed.<br>OSHA Specifically Regulate             | ed Substances (29 CFR 191  | 0.1001-1053)   |  |
| Not listed.<br>US. National Toxicology Pro            | ogram (NTP) Report on Car  | cinogens   |  |
| Not listed.   |  |  |  |
| Reproductive toxicity                                 | development studies in rat<br>reproduction studies, an in<br>pup deaths during the first<br>mg/kg/day during gestation<br>the surviving offspring of ra<br>Data on a large number of<br>effects on pregnancy or on<br>epidemiological studies ha<br>in the third trimester have I<br>drug discontinuation syndr<br>irritability) and required pro<br>There are no adequate at<br>women. Results of a numb<br>exposure during the first tri<br>10 studies failed to demon<br>epidemiological study repo<br>women exposed to fluoxetine.<br>hydrochloride) | o fertility studies conducted in adult rats indicated no adverse effects on fertility. In embryo-fetal velopment studies in rats and rabbits, there was no evidence of teratogenicity. However, in rat production studies, an increase in stillborn pups, a decrease in pup weight, and an increase in po deaths during the first 7 days postpartum occurred following maternal exposure to 7.5 //kg/day during gestation and lactation. There was no evidence of developmental neurotoxicity in a surviving offspring of rats. The no effect dose for rat pup mortality was 5 mg/kg/day. ata on a large number of exposed pregnancies in humans indicate no appearance of adverse ects on pregnancy or on the overall health of the fetus/newborn child. However, a few demiological studies have noted that some women treated with fluoxetine and other SSRIs late the third trimester have had newborns with increased complications that could be consistent with ug discontinuation syndrome (e.g. transient jitteriness, difficulty feeding, tachypnea and tability) and required prolonged hospitalizations. here are no adequate and well-controlled clinical studies assessing the risk of fluoxetine bosure during the first trimester of pregnancy have demonstrated inconsistent results. More than studies failed to demonstrate an increased risk for congenital malformations. An demiological study reported an increased risk of cardiovascular malformations in infants born to men exposed to fluoxetine during the first trimester of pregnancy compared to women who were t exposed to fluoxetine. However, a causal relationship has not been established. (Fluoxetine drochorde) |  |
|   | reproductive tissue change   | due to sedation. Decreased fertility, abnormal reproductive cycles, and<br>es can be linked to elevations of prolactin levels. The clinical effects of<br>wn for humans. Embryo and fetal toxicity occurred only at maternally   |  |
|   | Based on available data, th  | ne classification criteria are not met.  |  |
| Specific target organ toxicity - single exposure      | Narcotic effects. May caus   | e drowsiness or dizziness. (Fluoxetine hydrochloride and Olanzapine)   |  |
| Specific target organ toxicity -<br>repeated exposure | changes). (Fluoxetine hydr   | fects (reversible increases in serum enzymes, slight hepatic fat deposition, tissue<br>s). (Fluoxetine hydrochloride)<br>studies have reported the following effects: Central nervous system effects. Heart effects.<br>iffects. (Olanzapine)  |  |
| Aspiration hazard                                     | No aspiration toxicity class   | ration toxicity classification   |  |

**Further information** 

Olanzapine fluoxetine combination - No new or unexpected toxicity resulting from co-administration of olanzapine and fluoxetine were reported in rats or dogs dosed orally for 3 months. In animals, exposure to olanzapine caused nervous system effects (sedation), increased heart rate, and decreased circulating blood cell counts. Liver effects such as reversible increases in serum enzymes and tissue changes were observed following exposure to fluoxetine.

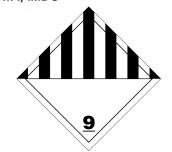
In a juvenile toxicology study in rats, where the exposure period corresponds to human childhood and adolescence, administration of 30 mg/kg resulted in skeletal muscle necrosis. Other findings in rats included necrosis of the testis and immaturity and inactivity of the female reproductive tract. Following an approximate 11-week recovery period, sperm assessments indicated an approximately 30% decrease in sperm concentrations without affecting sperm morphology or motility. Microscopic evaluation indicated that testicular degeneration was irreversible. Delays in sexual maturation occurred with administration of 10 or 30 mg/kg. The significance of these findings in humans is unknown. Femur lengths at 30 mg/kg increased to a lesser extent compared with control rats. (Fluoxetine hydrochloride)

# 12. Ecological information

| otoxicity               | Very toxic      | aquatic life with long lasting effects.                         |  |
|-------------------------|-----------------|---|--|
| Components              |                 | Species   | Test Results   |
| Fluoxetine Hydrochlorid | e (CAS 56296-78 | -7)   |  |
|                         | NOEC            | Selenastrum capricornutum (new name<br>Pseudokirchnerella subca | 1.2 μg/l   |
| Acute                   |                 |   |  |
|                         | EC50            | Selenastrum capricornutum (new name<br>Pseudokirchnerella subca | 30.5 μg/l (average specific growth rate  |
|                         | IC50            |   | 1000 mg/l Bacteria (Soil)  |
|                         |                 |   | 250 mg/l Blue-green algae  |
|                         |                 |   | 64 mg/l Mold   |
|                         |                 |   | 64 mg/l Fungus   |
|                         |                 |   | 64 mg/l Bacteria (n-fixing) (Azotobacte<br>chroococcum)                                  |
| Aquatic                 |                 |   |  |
| Acute                   |                 |   |  |
| Crustacea               | IC50            | Daphnia magna   | 0.94 mg/l, 48 h  |
| Fish                    | LC50            | Rainbow Trout   | 1.57 mg/l, 96 h  |
| Olanzapine (CAS 13253   | 39-06-1)        |   |  |
|                         | EC50            |   | <ul> <li>&gt; 100 mg/l, 3 h Sewage microorganise<br/>(Respiration inhibition)</li> </ul> |
|                         |                 | Selenastrum capricornutum (new name<br>Pseudokirchnerella subca | > 14.1 mg/l (average specific growth rate)   |
|                         | IC50            |   | 255 mg/l Isolated growth on agar<br>(Microbial growth inhibition)                        |
|                         | NOEC            |   | 100 mg/l, 3 h Sewage microorganisms (highest concentration tested)                       |
| Other                   | EC50            | Pseudokirchnerella subcapitata                                  | > 14.1 mg/l, 14 d (average specific growth rate) (biomass)                               |
|                         | NOEC            | Pseudokirchnerella subcapitata                                  | 1.7 mg/l, 14 d (based on initial concentration)  |
|                         |                 |   | 0.9 mg/l, 14 d (based on mean<br>measured concentrations)                                |
| Aquatic                 |                 |   |  |
| Crustacea               | EC50            | Daphnia magna   | 8 mg/l, 48 h   |
|                         | NOEC            | Daphnia magna   | 2.4 mg/l, 48 h   |
|                         |                 |   | 0.027 mg/l, 21 d (chronic growth)<br>(reproduction) (survival)                           |
| Fish                    | LC50            | Rainbow Trout   | 1.74 mg/l, 96 h  |
|                         | NOEC            | Fathead minnow (Pimephales promelas)                            | 0.011 mg/l   |
|                         |                 | \ i i /   | J J  |

| LILLY AQUATIC EXPOSURE GUI                            | IDELINES:   |                      |
|---|---|----------------------|
| Fluoxetine Hydrochloride                              |   |                      |
|   |   | 2.6 µg/l             |
| Acute LAEG (at the edge of th                         | - ,   | 2.1 µg/l             |
| Chronic LAEG (at the edge of                          | the chronic mixing zone):   | 0.33 µg/l            |
| Olanzapine<br>Acute LAEG (at the edge of th           | e acute mixing zone):   | 67 µg/l              |
| Chronic LAEG (at the edge of                          | - ,   | 3.4 µg/l             |
| · -   | oint where surface water is taken for drinking water):  | 1.1 µg/l             |
| Persistence and degradability                         | Fluoxetine Hydrochloride:   |                      |
|   | Hydrolysis rate (1/day): 0,0, 0 (pH 5, 7, 9)<br>Aerobic biodegradation half-life (days): not measurable |                      |
|   | Actobic biodegradation nan-line (days). Not measurable  |                      |
|   | Olenzaning  |                      |
|   | Olanzapine:<br>Hydrolysis half-life at 25 C (days): 65, 76, 78 (pH 5, 7, 9)                             |                      |
|   | Ready hydrolysis (% hydrolyzed after 28 days at 25 C): 31.15, 24.87, 61.85 (p                           | H 5, 7, 9)           |
| Biodegradation in sludge (28 days):<br>DT50: 7.4 days |   |                      |
|   | 1.45% CO2 evolution   |                      |
|   | 6.5% olanzapine remained  |                      |
|   | Degradation in aquatic sediment (100 days):<br>Aerobic systems:   |                      |
|   | 4.3% CO2 evolution  |                      |
|   | DT90 from overlying water: 2.6 days<br>Anaerobic systems:   |                      |
|   | 0.3% CO2 evolution  |                      |
|   | DT90 from overlying water: 14.6 to 17.2 days  |                      |
| Bioaccumulative potential                             | log Kow: < 4.   |                      |
| Partition coefficient n-octan                         |   |                      |
| Fluoxetine Hydrochloride                              | 0.93, (pH 5)<br>1.78, (pH 7)  |                      |
|   | 2.63, (pH 9)  |                      |
| Olanzapine  | 0.3, (pH 5)   |                      |
|   | 1.7, (pH 7)<br>2.1, (pH 9)  |                      |
| Mobility in soil                                      | No data available.  |                      |
| Other adverse effects                                 | Not available.  |                      |
|   |   |                      |
| 13. Disposal consideration                            |   |                      |
| Disposal instructions                                 | Dispose of contents/container in accordance with local/regional/national/interr                         | ational regulations. |
| 14. Transport information                             |   |                      |
| DOT   |   |                      |
| Not regulated as dangerous g                          | oods.   |                      |
| IATA  |   |                      |
| UN number<br>UN proper shipping name                  | UN3077<br>Environmentally hazardous substance, solid, n.o.s. (Fluoxetine Hydrochloride,                 | Olanzanina)          |
| Transport hazard class(es)                            |   | Olalizapine)         |
| Class   | 9   |                      |
| Subsidiary risk                                       | -   |                      |
| Packing group   |   |                      |
| Environmental hazards<br>ERG Code                     | Yes<br>9L   |                      |
| Special precautions for user                          |   |                      |
| Other information                                     |   |                      |
| Passenger and cargo                                   | Allowed with restrictions.  |                      |
| aircraft  | Allowed with rostrictions   |                      |
| Cargo aircraft only<br>IMDG                           | Allowed with restrictions.  |                      |
| UN number   | UN3077  |                      |
| UN proper shipping name                               | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Fluoxetin   | e Hydrochloride,     |
|   | Olanzapine)   |                      |
|   |   |                      |

| Transport hazard class(es)   |                |
|--|----------------|
| Class  | 9              |
| Subsidiary risk  | -              |
| Packing group  | III            |
| Environmental hazards  |                |
| Marine pollutant   | Yes            |
| EmS  | F-A, S-F       |
| Special precautions for user   | Not available. |
| Transport in bulk according to<br>Annex II of MARPOL 73/78 and<br>the IBC Code | Not available. |
| IATA; IMDG   |                |



#### Marine pollutant



## 15. Regulatory information

**US** federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

## **Toxic Substances Control Act (TSCA)**

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

## SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

# Superfund Amendments and Reauthorization Act of 1986 (SARA)

| Classified hazard<br>categories | Acute toxicity (any route of exposure)<br>Skin corrosion or irritation<br>Serious eye damage or eye irritation<br>Respiratory or skin sensitization<br>Specific target organ toxicity (single or repeated exposure) |
|---------------------------------|---|
|---------------------------------|---|

#### SARA 313 (TRI reporting) Not regulated.

Other federal regulations

## Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated. Safe Drinking Water Act Not regulated. (SDWA)

#### **US state regulations**

#### **California Proposition 65**

#### California Proposition 65 - CRT: Listed date/Developmental toxin

Benzodiazepines (CAS 132539-06-1) Listed: October 1, 1992

#### International Inventories

| Country(s) or region        | Inventory name                                | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Canada                      | Domestic Substances List (DSL)                | No                     |
| Canada                      | Non-Domestic Substances List (NDSL)           | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | No                     |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

# 16. Other information, including date of preparation or last revision

| Issue date    | 12-11-2014  |
|---------------|---|
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| Version #     | 09  |
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