I. IDENTIFICATION OF THE MIXTURE AND OF THE SUPPLIER	
Product Identifier	
Product	2K GREY PRIMER 4:1 [80-0047]
Recommended use of chemical	Use as paint for coating
Restriction on use	No open flames, No spraks, and No smoking
Supplier's details	
Company	Big-Ben (Paints) Company Limited
Address	38 Mu 7 Suanluangruamjai Road Suanluang Krathumban Samutsakorn 74110 Thailand
Telephone number	+66 2 811 1442 or +66 2 811 1443
Fax number	+66 2 811 0632
E-mail	bbp@bbp.co.th
Emergency phone number	+66 2 811 1442 or + 66 2 811 1443

2. HAZARD IDENTIFICATION

Classification of the substance or mixture

This product has been classified in accordance with the hazard communication standard 29 CSR 1910.1200; the SDS and labels contain all the information as required by the standard.

Flammable liquids	Category 1
Acute toxicity - dermal	Category 2
Skin corrosion/irritation	Category 2
Toxic to reproduction	Category 2
Specific target organ toxicity (single exposure)	Category 3
Hazardous to the aquatic environment - acute hazard	Category 2
Hazardous to the aquatic environment - long-term hazard	Category 3

Remark:

Percentage of mixture consisting of ingredient(s) of unknown oral toxicity: 48.26%

Percentage of mixture consisting of ingredient(s) of unknown dermal toxicity: 89.30%

Percentage of mixture consisting of ingredient(s) of unknown inhalation toxicity: 80.32%

GHS label elements

Pictogram or symbol	
Signal word	Danger

Hazard statement:

H224 Extremely flammable liquid and vapour

H310 Fatal in contact with skin

H315 Causes skin irritation

H335 May cause respiratory irritation

H336 May cause drowsiness or dizziness

H361 Suspected of damaging fertility or the unborn child

H401 Toxic to aquatic life

H412 Harmful to aquatic life with long lasting effects

Precautionary statement

[PREVENTION]

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat / sparks / open flames / hot surfaces. No smoking.

P233 Keep container tightly closed.

P240 Ground / bond container and receiving equipment.

P241 Use explosion-proof electrical / ventilating / lighting / equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P262 Do not get in eyes, on skin, or on clothing.

P264 Wash thoroughly after handling.

P270 Do no eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves / protective clothing / eye protection / face protection.

[RESPONSE]

P302+P350 IF ON SKIN Gently wash with plenty of soap and water.

P302+P352 IF ON SKIN Wash with plenty of soap and water.

P303+P361+P353 IF ON SKIN (or hair) Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

P304+P340 IF INHALED Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P308+P313 IF exposed or concernedGet medical advice / attention.

P310 Immediately call a POISON CENTER or doctor / physician.

P312 Call a POISON CENTER or doctor / physician if you feel unwell.

P321 Specific treatment (see on this label).

P322 Specific measures (see on this label).

P332+P313 IF skin irritation occursGet medical advice / attention.

P361 Remove / Take off immediately all contaminated clothing.

P362 Take off contaminated clothing and wash before reuse.

P363 Wash contaminated clothing before reuse.

P370+P378 In case of fire Use dry sand, dry chemical or alcohol-resistant foam for extinction.

[STORAGE]

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

[DISPOSAL]

P501 Dispose of contents / container in accordance with local / regional / national / international regulations.

3. COMPOSITION AND INFORM	ATION ON INGREDIENTS		
Chemical name	CAS No.	Content % (w/w)	
1-methyl-2-pyrrolidone	872-50-4	0.21 - 0.36	
Acrylic Polymer	n/a	7.67 - 21.51	
Butyl Acetate	123-86-4	1.44 - 3.09	
Calcium carbonate	471-34-1	11.08 - 29.87	
Carbon Black	1333-86-4	0.03 - 0.11	
Ethylhexanoic and Zinc salt	136-53-8	0.31 - 0.66	
Magnesium Dioxide	1309-48-4	5.59 - 8.77	
Silicon Dioxide	7631-86-9	9.54 - 20.84	
Titanium Dioxide	13463-67-7	11.47 - 21.39	
Toluene	108-88-3	7.20 - 12.02	
Urea resin	-	0.16 - 0.39	
WHITESPIRITTYPE3	64742-48-9	0.16 - 0.26	
Xylene	1330-20-7	11.26 - 24.14	

Inhalation Remove to fresh air. If unconscious, place in recovery position and seek medical attention immediately. Skin contact Immediately flush with water for at least 15 minutes. Remove contaiminated clothing. Seek medical attention immediately. Wash thoroughly after handling. Eye contact Hold eyelids apart and immediately flush with plenty of water for 15 minutes. Seek medical advice. Remove contact lenses. Ingestion Rinse mouth with water. Never give anything by mouth to an unconscious person. Obtain medical attention. If swallowed, DO NOT induce vomitting unless directed to do so by medical personnel. Most important symptoms/effects, acute and delayed Dizziness. Drowsiness. Headache. Nausea. Vomitting. Weakness. Unconsciousness. Skin and eye redness. Pain. Nausea. Vomitting. 5. FIRE FIGHTING MEASURES Suitable extinguishing media Dry chemical. Carbon Dioxide (CO ₂). Alcohol-resistant foam. Water spray. Unsuitable extinguishing media High volume water jet. Specific hazards arising from the chemical distant ignition source and flash back. Container may rupture on heating. Specific protective equipment and precautions for firefighters 6. ACCIDENTAL RELEASE MEASURES Personal precautions, protective equipment, and emergency protective equipment. Use only non-sparkling tools. Environmental precautions Prevent the material from entering drains or water courses.
attention immediately. Wash thoroughly after handling. Eye contact Hold eyelids apart and immediately flush with plenty of water for 15 minutes. Seek medical advice. Remove contact lenses. Ingestion Rinse mouth with water. Never give anything by mouth to an unconscious person. Obtain medical attention. If swallowed, DO NOT induce vomitting unless directed to do so by medical personnel. Most important symptoms/effects, acute and delayed Dizziness. Drowsiness. Headache. Nausea. Vomitting. Weakness. Unconsciousness. Skin and eye redness. Pain. Nausea. Vomitting. 5. FIRE FIGHTING MEASURES Suitable extinguishing media Dry chemical. Carbon Dioxide (CO ₂). Alcohol-resistant foam. Water spray. Unsuitable extinguishing media High volume water jet. Specific hazards arising from the chemical distant ignition source and flash back. Container may rupture on heating. Specific protective equipment and precautions for firefighters 6. ACCIDENTAL RELEASE MEASURES Personal precautions, protective equipment. Use only non-sparkling tools.
Remove contact lenses. Ingestion Rinse mouth with water. Never give anything by mouth to an unconscious person. Obtain medical attention. If swallowed, DO NOT induce vomitting unless directed to do so by medical personnel. Most important symptoms/effects, acute and delayed Dizziness. Drowsiness. Headache. Nausea. Vomitting. Weakness. Unconsciousness. Skin and eye redness. Pain. Nausea. Vomitting. 5. FIRE FIGHTING MEASURES Suitable extinguishing media Dry chemical. Carbon Dioxide (CO ₂). Alcohol-resistant foam. Water spray. Unsuitable extinguishing media High volume water jet. Specific hazards arising from the chemical Specific protective equipment and precautions for firefighters Wear self-contained breathing apparatus and full protective clothing for firefighting. 6. ACCIDENTAL RELEASE MEASURES Personal precautions, protective equipment. Ween protective equipment, and emergency protective equipment. Use only non-sparkling tools.
attention. If swallowed, DO NOT induce vomitting unless directed to do so by medical personnel. Most important symptoms/effects, acute and delayed Dizziness. Drowsiness. Headache. Nausea. Vomitting. Weakness. Unconsciousness. Skin and eye redness. Pain. Nausea. Vomitting. 5. FIRE FIGHTING MEASURES Suitable extinguishing media Dry chemical. Carbon Dioxide (CO ₂). Alcohol-resistant foam. Water spray. High volume water jet. Specific hazards arising from the chemical Specific protective equipment and precautions for firefighters Mear self-contained breathing apparatus and full protective clothing for firefighting. Keep unnecessary personnel away. Prevent further leakage or spillage if safe to do so. Use personal procedures Most important symptoms/effects, acute and eye redness. Unconsciousness. Skin and eye redness. Skin and eye redness. Unconsciousness. Skin and eye redness. Skin and eye redness. Skin and eye redness. Unconsciousness. Skin and eye redness. Skin and eye redness. Skin and eye redness. Unconsciousness. Skin and eye redness. Skin and eye re
suitable extinguishing media Ury chemical. Carbon Dioxide (CO ₂). Alcohol-resistant foam. Water spray. High volume water jet. Specific hazards arising from the chemical Specific protective equipment and precautions for firefighters Hamable liquid. Vapors can form an ignitable misture with air. Vapors can flow along surfaces to a distant ignition source and flash back. Container may rupture on heating. Wear self-contained breathing apparatus and full protective clothing for firefighting. ACCIDENTAL RELEASE MEASURES Keep unnecessary personnel away. Prevent further leakage or spillage if safe to do so. Use personal procedures Keep unnecessary personnel away. Prevent further leakage or spillage if safe to do so. Use personal procedures
Suitable extinguishing media Dry chemical. Carbon Dioxide (CO ₂). Alcohol-resistant foam. Water spray. High volume water jet. Specific hazards arising from the chemical Specific protective equipment and precautions for firefighters High volume water jet. Flammable liquid. Vapors can form an ignitable misture with air. Vapors can flow along surfaces to a distant ignition source and flash back. Container may rupture on heating. Wear self-contained breathing apparatus and full protective clothing for firefighting. 6. ACCIDENTAL RELEASE MEASURES Personal precautions, protective equipment, and emergency protective equipment. Use only non-sparkling tools.
Unsuitable extinguishing media High volume water jet. Specific hazards arising from the chemical Specific protective equipment and precautions for firefighters High volume water jet. Flammable liquid. Vapors can form an ignitable misture with air. Vapors can flow along surfaces to a distant ignition source and flash back. Container may rupture on heating. Wear self-contained breathing apparatus and full protective clothing for firefighting. 6. ACCIDENTAL RELEASE MEASURES Personal precautions, protective equipment, and emergency protective equipment. Use only non-sparkling tools.
Specific hazards arising from the chemical Specific protective equipment and precautions for firefighters Chemical Specific protective equipment and precautions for firefighting. Specific protective equipment and precautions for firefighting for firefighting. Chemical Specific protective equipment and precautions for firefighting for firefighting. Chemical Specific protective equipment and precautions for firefighting for firefighting. Chemical Specific protective equipment and distant ignition source and flash back. Container may rupture on heating. Wear self-contained breathing apparatus and full protective clothing for firefighting. Chemical Specific protective equipment and precautions for firefighting. Chemical Specific protective equipment and precautions for firefighting. Chemical Specific protective equipment and precautions for firefighting. Chemical Specific protective equipment and full protective clothing for firefighting. Chemical Specific protective equipment and full protective clothing for firefighting. Chemical Specific protective equipment and full protective clothing for firefighting.
distant ignition source and flash back. Container may rupture on heating. Wear self-contained breathing apparatus and full protective clothing for firefighting. 6. ACCIDENTAL RELEASE MEASURES Personal precautions, protective equipment, and emergency procedures distant ignition source and flash back. Container may rupture on heating. Wear self-contained breathing apparatus and full protective clothing for firefighting. Wear self-contained breathing apparatus and full protective clothing for firefighting. Wear self-contained breathing apparatus and full protective clothing for firefighting. Example 1. The protective clothing for firefighting. Self-contained breathing apparatus and full protective clothing for firefighting.
Specific protective equipment and precautions for firefighters 6. ACCIDENTAL RELEASE MEASURES Personal precautions, protective equipment, and emergency procedures Wear self-contained breathing apparatus and full protective clothing for firefighting. Wear self-contained breathing apparatus and full protective clothing for firefighting. Keep unnecessary personnel away. Prevent further leakage or spillage if safe to do so. Use personal procedures
6. ACCIDENTAL RELEASE MEASURES Personal precautions, protective equipment, and emergency procedures Keep unnecessary personnel away. Prevent further leakage or spillage if safe to do so. Use personal procedures
Personal precautions, protective
equipment, and emergency protective equipment. Use only non-sparkling tools. procedures
Environmental precautions Prevent the material from entering drains or water courses
Provent the material inclining drame of water codifices.
Methods and materials for Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, containment and cleaning up diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations.
7. HANDLING AND STORAGE
Precautions for safe handling Avoid breathing vapor and contact with eyes, skin, and clothing. Do no leave containers open. Avoid repeated or prolonged contact with skin.
Conditions for safe storage, Keep away from heat or flames. Keep in cool, dry, ventilated storage and in closed containers. Store away from oxidizing agent.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Control parameters 1-methyl-2-pyrrolidone OSHA
Skin notification NA ⁵³ NIOSH Skin notification NA ⁵³
ACGIH
Skin notification NA ⁵³ CAL/OSHA
Skin notification Y ⁵³ Acrylic Polymer Butyl Acetate OSHA
PEL-TWA 150 ²² Skin notification N ²⁶
REL-TWA 150 ²⁶

REL-STEL 200^{26} Skin notification N^{26}

ACGIH

```
TLV-TWA 50<sup>26</sup>
TLV-STEL 150<sup>26</sup>
Skin notification N
CAL/OSHA
PEL-TWA 150<sup>26</sup>
PEL-STEL 200<sup>26</sup>
Skin notification N<sup>26</sup>
Calcium carbonate
OSHA
PEL-TWA 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction)<sup>43</sup>
Skin notification N43
NIOSH
REL-TWA 10 mg/m³ (total dust), 5 mg/m³ (respirable fraction)<sup>43</sup>
Skin notification N<sup>43</sup>
ACGIH
TLV-TWA Withdrawn [2007] - Insufficient data. 43
Skin notification NA<sup>43</sup>
CAL/OSHA
PEL-TWA 10 mg/m³ (total dust), 5 mg/m³ (respirable fraction)<sup>43</sup>
Skin notification N<sup>43</sup>
Carbon Black
OSHA
PEL-TWA 3.5<sup>52</sup>
NIOSH
REL-TWA 3<sup>52</sup>
ACGIH
TLV-TWA 3.5<sup>52</sup>
CAL/OSHA
PEL-TWA 3.5<sup>52</sup>
Ethylhexanoic and Zinc salt Magnesium Dioxide
Silicon Dioxide
Titanium Dioxide
OSHA
PEL-TWA 15<sup>44</sup>
Skin notification N44
NIOSH
Skin notification N44
ACGIH
TLV-TWA 10<sup>44</sup>
Skin notification N44
CAL/OSHA
PEL-TWA 10<sup>44</sup>
Skin notification N<sup>44</sup>
Toluene
OSHA
PEL-TWA 200 ppm<sup>45</sup>
PEL-C 300 ppm; 500 ppm (Peak) [10 min maximum in an 8 hr shift]<sup>45</sup>
Skin notification N<sup>45</sup>
NIOSH
REL-TWA 100 ppm (375 mg/m<sup>3</sup>)<sup>45</sup>
REL-STEL 150 ppm (560 mg/m<sup>3</sup>)<sup>45</sup>
Skin notification N<sup>45</sup>
ACGIH
TLV-TWA 20 ppm [2006]<sup>45</sup>
Skin notification N<sup>45</sup>
```

PEL-TWA 10 ppm (37 mg/m³)⁴⁵

CAL/OSHA

PEL-STEL 150 ppm $(560 \text{ mg/m}^3)^{45}$ PEL-C 500 ppm⁴⁵ Skin notification Y⁴⁵ <u>Urea resin</u>
<u>WHITESPIRITTYPE3</u>
<u>Xylene</u>
OSHA PEL-TWA 100²⁴ Skin notification N^{24} NIOSH **REL-TWA** 100²⁴ Skin notification N²⁴ **ACGIH** TLV-TWA 100²⁴ TLV-STEL 150²⁴ Skin notification N²⁴ CAL/OSHA PEL-TWA 100²⁴ PEL-STEL 150²⁴ PEL-C 300²⁴ Skin notification N²⁴ Appropriate engineering controls

Provide adequate ventilation. Install local exhaust.

Personal protective equipment

Respiratory protection	Organic vapor respirator
Hand protection	Rubber gloves. Neoprene.
Eye protection	Safety goggle.
Skin and body protection	Wear suitable clothing

OTT THOUGHE AND OTTERMORE THE	
Appearance	High viscosity liquid paint
Odor	Organic solvent
Odor threshold	Not Available
рН	Not Available
Melting point/freezing point	Not Available
Initial boiling point and boiling range	Not Available
Flash point	lower than 23 C
Evaporation rate	Not Available
Flammability (solid, gas)	Not available
Upper/lower flammability or	Not available
explosive limits	Not available
Vapor pressure	Not Available
Vapor density	Not Available
Relative density	1.40 - 1.60 g/cm3
Solubility(ies)	Soluble in Organic solvent
Partition coefficient n-Octanol-water	Not Available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity	97 - 103 KU at 30 C

10. STABILITY AND REACTIVITY	
Reactivity	Reacts violently with strong acids and strong oxidants
Chemical stability	Stable under normal storage and handling conditions
Possibility of hazardous reaction	Will not occur
Condition to avoid	High temperatures, sparks, open flame, and all other sources of ignition
Incompatible materials	Strong oxidizing agents, strong acids
Hazardous decomposition products	Not available

11. TOXICOLOGICAL INFORMATION	
Acute toxicity (oral)	ATEmix = 6383.19 mg/kg (Not classified)
	1-methyl-2-pyrrolidone LD50 (rat) oral = 4150.00 mg/kg ⁴⁸
	Butyl Acetate LD50 (rat) oral = 10736.00 mg/kg ⁵
	Calcium carbonate LD50 (rat) oral = 6450.00 mg/kg ³³
	Carbon Black LD50 (rat) oral = 10000.00 mg/kg ⁴⁹
	Magnesium Dioxide LD50 (rat) oral = 3870.00 mg/kg
	Titanium Dioxide LD50 (rat) oral = 10000.00 mg/kg ³⁴
	Toluene LD50 (rat) oral = 5000.00 mg/kg ³⁵
Acute toxicity (dermal)	ATEmix = 69.38 mg/kg (Classify 2)
	1-methyl-2-pyrrolidone LD50 (rabbit) dermal = 5000.00 mg/kg ⁴⁸
	Butyl Acetate LD50 (rabbit) dermal = 16.00 mg/kg ⁵
	Toluene LD50 (rabbit) dermal = 14100.00 mg/kg ³⁵
Acute toxicity (dermal)	ATEmix = 280.40 mg/kg (Not classified)
	1-methyl-2-pyrrolidone LC50 (rat) inhalation = 5.10 mg/kg ⁴⁸
	Butyl Acetate LC50 (rat) inhalation = 740.00 mg/kg ⁵
	Carbon Black LC50 (rat) inhalation = 4.60 mg/kg ⁴⁹
	Xylene LC50 (rat) inhalation = 6360.00 mg/kg ⁸
Skin corrosion and skin irritation	Causes skin irritation (Toluene,Xylene)
Serious eye damage or eye irritation	Not classified
Respirator and skin sensitzation	Not classified
Skin sentization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Suspected of damaging fertility or the unborn child (Toluene)
Specific target organ toxicity	May cause respiratory irritation (1-methyl-2-pyrrolidone,Butyl Acetate,Toluene)
following single exposure	
Specific target organ toxicity	Not classified
following repeated exposure	
Aspiration hazard	Not classified

12. ECOLOGICAL INFORMATION

Acute aquatic hazard	Toxic to aquatic life	
	Butyl Acetate LC50 (fish) 96 hr = 18 mg/L ⁵	
	EC48 (shrimp) 48 hr = 32 mg/L ⁵	
	<u>Calcium carbonate</u> ErC-EC72 (Fungi) 96 hr = 14 mg/L ^{undefined}	
	Ethylhexanoic and Zinc salt EC48 (shrimp) 48 hr = 85.4 mg/L^{51}	
	ErC-EC72 (Fungi) 96 hr = 96 mg/ L^{51}	
	<u>Titanium Dioxide</u>	

	EC48 (shrimp) 48 hr = 100 mg/L^{34}
	ErC-EC72 (Fungi) 96 hr = 35.9 mg/L ³⁴
	<u>Toluene</u> LC50 (fish) 96 hr = 7.3 mg/L ³⁸
	EC48 (shrimp) 48 hr = 6 mg/L ³⁸
	ErC-EC72 (Fungi) 96 hr = 12.5 mg/L ³⁸
	<u>Xylene</u> LC50 (fish) 96 hr = 3.30 mg/L ¹⁴
Long term aquatic hazard	Harmful to aquatic life with long lasting effects
	Butyl Acetate NOEC fish = 23 mg/L ⁵
	NOEC shrimp = 23 mg/L ⁵
	NOEC fungi = 196 mg/L ⁵
	Carbon Black NOEC shrimp = 3.20 mg/L ⁵²
	NOEC fungi = 10.00 mg/L^{52}
	<u>Titanium Dioxide</u> NOEC shrimp = 1.72-5 mg/L ⁴¹
	NOEC fungi = 1 mg/L ⁴²
	Toluene NOEC fish = 1.4 mg/L ⁴⁰
	NOEC shrimp = 7.4 mg/L ⁴⁰
	NOEC fungi = 10 mg/L ⁴⁰
	Xylene NOEC fish = 1.30 mg/L ¹⁶
	NOEC shrimp = 1.57 mg/L ⁹
	NOEC fungi = 0.44 mg/L ⁹
Persistance and degradability	Rapidly degradable (1-methyl-2-pyrrolidone,Butyl Acetate,Toluene,Xylene)
Bioaccumulative potential	Bioaccumulative potential
	1-methyl-2-pyrrolidone log KOW = -0.38 ⁵⁴
	BCF = 3 ⁵⁴
	Butyl Acetate log KOW = 1.78 ²⁹
	$BCF = 7.00^{29}$
	$\frac{\text{Toluene}}{\log \text{KOW}} = 2.73^{47}$
	BCF = 13^{47}
	<u>Xylene</u> log KOW = 3.20 ³¹
	BCF = 14.80^{31}
Mobility in soil	The product is insoluable in water. If released to water, some of the components will have tendency to
	evaporate while other components are expected to be highly mobile in soil and have the potential to
	reach underground water supplies.
Other adverse effects	Not available
13. DISPOSAL CONSIDERATIONS	
Disposal methods	Disposing of this material/container should be done under all the regulations or handled by authorized waste collector in your country
Container disposal	Do not re-use empty containers
•	

Labels required	3
UN number	1263
UN proper shipping name	Paint
Transport hazard class(es)	3
Packing group	III
Environmental hazards	Not applicable
Special precautions	Not applicable
Transport in bulk	Not applicable

15. REGULATORY INFORMATION	
Inventory of existing chemical substance produced or imported in USA (TSCA)	All component in this product are listed
Toxic substance control act (TSCA)	All component in this product are listed

16. OTHER INFORMATION

14. TRANSPORT INFORMATION

Issue date: 26 August 2022

References

- 1. https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/f?./temp/~JDD7dD:1 (31-05-19)
- 2. https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/f?./temp/~pB0xAg:1 (3-5-19)
- 3. https://echa.europa.eu/brief-profile/-/briefprofile/100.003.277#ScientificProperties (17-12-19)
- 4. https://echa.europa.eu/brief-profile/-/briefprofile/100.028.248 (5-11-19)
- 5. https://echa.europa.eu/brief-profile/-/briefprofile/100.004.236#ScientificProperties (17-12-19)
- 6. https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/f?./temp/~jnUXDq:3 (14/8/19)
- 7. https://echa.europa.eu/brief-profile/-/briefprofile/100.059.254 (24-12-19)
- 8. https://www.epa.govt.nz/database-search/chemical-classification-and-information-database-ccid/view/682 (04-05-19)
- 9. https://echa.europa.eu/brief-profile/-/briefprofile/100.014.124 (24-12-19)
- 10. https://echa.europa.eu/brief-profile/-/briefprofile/100.000.683 (3-5-19)
- 11. https://echa.europa.eu/brief-profile/-/briefprofile/100.005.001 (14/8/19)
- 12. https://echa.europa.eu/brief-profile/-/briefprofile/100.059.254 (3-5-19)
- 13. https://echa.europa.eu/brief-profile/-/briefprofile/100.004.236 (04-05-19)
- 14. https://www.epa.govt.nz/database-search/chemical-classification-and-information-database-ccid/view/682 (04-05-19
- 15. https://echa.europa.eu/brief-profile/-/briefprofile/100.003.277 (14/8/19)
- 16. https://echa.europa.eu/brief-profile/-/briefprofile/100.014.124 (04-05-19)
- 17. *
- 18. https://www.osha.gov/chemicaldata/chemResult.html?recNo=176 (31-05-19)
- 19. https://www.osha.gov/chemicaldata/chemResult.html?recNo=490 (3-5-19)
- 20. https://www.osha.gov/chemicaldata/chemResult.html?recNo=130 (17-12-19)
- 21. https://www.osha.gov/chemicaldata/chemResult.html?recNo=496 (5-11-19)
- 22. www.oshhttps://www.osha.gov/chemicaldata/chemResult.html?recNo=178 (17-12-19)a.gov
- 23. https://www.osha.gov/chemicaldata/chemResult.html?recNo=263 (14/8/19
- 24. https://www.osha.gov/chemicaldata/chemResult.html?recNo=228 (04-05-19)
- 25. https://www.oshahttps://www.osha.gov/chemicaldata/chemResult.html?recNo=130 (17-12-19).gov/chemicaldata/chemResult.html?recNo=820 (03-05-19)
- 26. https://www.osha.gov/chemicaldata/chemResult.html?recNo=178 (17-12-19)
- 27. https://pubchem.ncbi.nlm.nih.gov/compound/263#section=Octanol-Water-Partition-Coefficient (3-5-19)

28. https://pubchem.ncbi.nlm.nih.gov/compound/7946#section=Environmental-Fate (03-05-19)		
29. https://pubchem.ncbi.nlm.nih.gov/compound/31272#section=Environmental-Abiotic-Degradation (04-05-19)		
30. https://pubchem.ncbi.nlm.nih.gov/compound/8857#section=Environmental-Abiotic-Degradation (14/8/19)		
31. https://pubchem.ncbi.nlm.nih.gov/compound/7929#section=Environmental-Fate (04-05-19)		
32. https://echa.europa.eu/brief-profile/-/briefprofile/100.115.375(11-8-2020)		
33. https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/f?./temp/~tL93nR:1 (3-5-19)		
34. https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/f?./temp/~Q1zAvm:3 (3-5-19)		
35. https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/f?./temp/~VMFBml:3 (3-5-19)		
36. https://echa.europa.eu/brief-profile/-/briefprofile/100.003.297 (3-5-19)		
37. https://echa.europa.eu/brief-profile/-/briefprofile/100.003.297		
38. https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/f?./temp/~IQhZ8I:1 (03-05-19)		
39. https://echa.europa.eu/brief-profile/-/briefprofile/100.006.765 (3-5-19)		
40. https://echa.europa.eu/brief-profile/-/briefprofile/100.003.297 (03-05-19)		
41. https://echa.europa.eu/brief-profile/-/briefprofile/100.033.327 (3-5-19)		
42. https://echa.europa.eu/brief-profile/-/briefprofile/100.033.327 (3-5-19		
43. https://www.osha.gov/chemicaldata/chemResult.html?recNo=220 (3-5-19)		
44. https://www.osha.gov/chemicaldata/chemResult.html?recNo=246 (3-5-19)		
45. https://www.osha.gov/chemicaldata/chemResult.html?recNo=89 (03-05-19)		
46. https://pubchem.ncbi.nlm.nih.gov/compound/6581#section=Environmental-Fate(11-8-2020)		
47. https://pubchem.ncbi.nlm.nih.gov/compound/1140#section=Environmental-Fate (03-05-19)		
48. https://echa.europa.eu/brief-profile/-/briefprofile/100.011.662 (23-12-19)		
49. https://echa.europa.eu/brief-profile/-/briefprofile/100.014.191 (17-12-19)		
50. https://echa.europa.eu/brief-profile/-/briefprofile/100.059.210		
51. https://www.epa.govt.nz/database-search/chemical-classification-and-information-database-ccid/view/5201 (17-5-19)		
52. https://echa.europa.eu/brief-profile/-/briefprofile/100.014.191 (04-05-19)		
53. https://www.osha.gov/chemicaldata/chemResult.html?recNo=875 (23-12-19)		
54. https://pubchem.ncbi.nlm.nih.gov/compound/13387#section=Octanol-Water-Partition-Coefficient (23-12-19)		