

Supplemental Table 1. Names and cancer classifications of chemicals linked to artificial turf with no predicted carcinogenicity (n=109).

CASRN	Name	USEPA Cancer Classification <sup>a</sup>	ECHA Cancer Classification
120821	1,2,4-Trichlorobenzene	Not Classifiable	--
95501	1,2-Dichlorobenzene	Not Classifiable	--
57556	1,2-propanediol	--	--
78795	1,3-Butadiene, 2-methyl-	--	Presumed Human Carcinogen
541731	1,3-Dichlorobenzene	Not Classifiable	--
106467	1,4-Dichlorobenzene	--	Suspected Human Carcinogen
592767	1-Heptene	--	--
56728100	1-Hexene, 3,4,5-trimethyl-	--	--
16106595	1-Hexene, 4,5-dimethyl-	--	--
73105676	1-Iodo-2-methylundecane	--	--
115117	1-Propene, 2-methyl-	--	--
55402136	2,2,- Trimethyl-3-Octyne	--	--
13475826	2,2,4,6,6-Pentamethylheptane	--	--
104767	2-Ethyl-1-hexanol	--	--
591764	2-Methylhexane	--	--
18409171	2-Octen-1-ol, (E)-	--	--
67630	2-Propanol	--	--
22632593	2-Propyl-methyl pentanoic acid	--	--
1620980	3,5-Di-tert-Butyl-4-hydroxybenzaldehyde	--	--
13466789	3-Carene	--	--
4748781	4-Ethylbenzaldehyde	--	--
598016	4-Methyl-4-Heptanol	--	--
140669	4-Tert-octylphenol	--	--
54774275	5-Hexen-2-ol, (+/-)-	--	--
1490046	5-Methyl-2-(1-methylethyl)cyclohexanol	--	--
10458147	5-Methyl-2-isopropyl cyclohexanone	--	--

<b>25117322</b>	5-Methyltetradecane	--	--
<b>64197</b>	Acetic acid	--	--
<b>67641</b>	Acetone	Inadequate Information	--
<b>80568</b>	Alpha pinene	--	--
<b>117817</b>	Bis(2-ethylhexyl) Phthalate	Probable Human Carcinogen	--
<b>594387</b>	Butane, 2-iodo-2-methyl-	Inadequate Information	--
<b>78784</b>	Butane, 2-methyl-	--	--
<b>56264983</b>	Butenylbenzene	--	--
<b>25013165</b>	Butylated hydroxyanisole	--	--
<b>128370</b>	Butylated hydroxytoluene	--	--
<b>3073663</b>	Cyclohexane, 1,1,3-trimethyl-	--	--
<b>638040</b>	Cyclohexane, 1,3-dimethyl-, cis-	--	--
<b>589902</b>	Cyclohexane, 1,4-dimethyl-	--	--
<b>1678917</b>	Cyclohexane, ethyl-	--	--
<b>108930</b>	Cyclohexanol	--	--
<b>1120725</b>	Cyclopentanone, 2-methyl-	--	--
<b>541026</b>	Decamethyl cyclopentasiloxane	--	--
<b>124185</b>	Decane	--	--
<b>62238146</b>	Decane, 2,3,8-trimethyl-	--	--
<b>62108230</b>	Decane, 2,5,6-trimethyl-	--	--
<b>13151354</b>	Decane, 5-methyl-	--	--
<b>1002171</b>	Decane, 6-ethyl-2-methyl-	--	--
<b>1321740</b>	Diethenylbenzene	--	--
<b>84662</b>	Diethyl phthalate	Not Classifiable	--
<b>134623</b>	Diethyltoluamide	--	--
<b>84742</b>	Di-n-butyl Phthalate	Not Classifiable	--
<b>117840</b>	Di-n-octyl Phthalate	--	--
<b>629970</b>	Docosane	--	--
<b>112549</b>	Dodecanal	--	--

<b>31295564</b>	Dodecane, 2,6,11-trimethyl-	--	--
<b>74645980</b>	Dodecane, 2,7,10-trimethyl-	--	--
<b>629787</b>	Heptadecane	--	--
<b>142825</b>	Heptane	Not Classifiable	--
<b>1071267</b>	Heptane, 2,2-dimethyl-	--	--
<b>52896954</b>	Heptane, 2,3,4-trimethyl-	--	--
<b>2213232</b>	Heptane, 2,4-dimethyl-	--	--
<b>2216300</b>	Heptane, 2,5-dimethyl-	--	--
<b>1072055</b>	Heptane, 2,6-dimethyl-	--	--
<b>592278</b>	Heptane, 2-methyl-	--	--
<b>589811</b>	Heptane, 3-methyl-	--	--
<b>52896874</b>	Heptane, 4-(1-methylethyl)-	--	--
<b>118741</b>	Hexachlorobenzene	Probable Human Carcinogen	Presumed Human Carcinogen
<b>77474</b>	Hexachlorocyclopentadiene	Evidence for Non-Carcinogenicity in Humans	--
<b>544763</b>	Hexadecane	--	--
<b>111068</b>	Hexadecanoic acid, butyl ester	--	--
<b>110543</b>	Hexane	Inadequate Information	--
<b>16747265</b>	Hexane, 2,2,4-trimethyl-	--	--
<b>3522949</b>	Hexane, 2,2,5-trimethyl-	--	--
<b>563166</b>	Hexane, 3,3-dimethyl-	--	--
<b>589344</b>	Hexane, 3-methyl-	--	--
<b>78831</b>	Isobutyl alcohol	--	--
<b>78591</b>	Isophorone	Possible Human Carcinogen	Suspected Human Carcinogen
<b>98828</b>	Isopropylbenzene	Not Classifiable	--
<b>475207</b>	Junipene (longifolene)	--	--
<b>138863</b>	Limonene	--	--
<b>112618</b>	Methyl stearate	--	--
<b>111842</b>	Nonane	--	--

<b>31081182</b>	Nonane, 3-methyl-5-propyl-	--	--
<b>593453</b>	Octadecane	--	--
<b>57114</b>	Octadecanoic Acid / Stearic Acid	--	--
<b>111659</b>	Octane	--	--
<b>3221612</b>	Octane, 2-methyl-	--	--
<b>2216333</b>	Octane, 3-methyl-	--	--
<b>112801</b>	Oleic Acid	--	--
<b>87865</b>	Pentachlorophenol (PCP)	Likely to be carcinogenic	Suspected Human Carcinogen
<b>629629</b>	Pentadecane	--	--
<b>1186534</b>	Pentane, 2,2,3,4-tetramethyl-	--	--
<b>107835</b>	Pentane, 2-methyl-	--	--
<b>562492</b>	Pentane, 3,3-dimethyl-	--	--
<b>52181778</b>	Pentenylbenzene	--	--
<b>88244</b>	Phenol, 2,2'-methylenebis(6-(1,1-dimethylethyl)-4-ethyl-	--	--
<b>75285</b>	Propane, 2-methyl-	--	--
<b>135988</b>	sec-Butylbenzene	--	--
<b>629594</b>	Tetradecane	--	--
<b>544638</b>	Tetradecanoic acid	--	--
<b>14167590</b>	Tetratriacontane	--	--
<b>629505</b>	Tridecane	--	--
<b>1120214</b>	Undecane	--	--
<b>17301234</b>	Undecane, 2,6-dimethyl-	--	--
<b>1002433</b>	Undecane, 3-methyl-	--	--
<b>17312822</b>	Undecane, 4,6-dimethyl-	--	--
<b>2980690</b>	Undecane, 4-methyl-	--	--
<b>17615917</b>	Undecane, 5,6-dimethyl-	--	--

CASRN, chemical abstract registry number; ECHA, European Chemicals Agency; USEPA, United States Environmental Protection Agency

<sup>a</sup> Differences in classification descriptors reflect the 1986 EPA Hazard Assessment Guidelines versus 2005 EPA Carcinogen Risk Assessment Guidelines.