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12
13 **SUPERIOR COURT OF THE STATE OF CALIFORNIA**
14 **FOR THE COUNTY OF ALAMEDA**

15 COORDINATION PROCEEDING
SPECIAL TITLE (Rule 3.550)
16 ROUNDUP PRODUCTS CASES

JCCP NO. 4953

ASSIGNED FOR ALL PURPOSES TO
JUDGE WINIFRED SMITH
DEPARTMENT 21

17 THIS DOCUMENT RELATES TO:

18 PILLIOD, ET AL. v. MONSANTO CO.,
19 ET AL., CASE NO. RG17862702

**REPLY BRIEF IN SUPPORT OF
DEFENDANT MONSANTO'S MOTION
FOR SUMMARY JUDGMENT OR, IN THE
ALTERNATIVE, SUMMARY
ADJUDICATION**

Hearing Date: March 7, 2019
Time: 10:00 a.m.
Department: 21

Reservation No.: R-2048303

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1 **I. INTRODUCTION**

2 Plaintiffs' Opposition does not meaningfully engage on the merits of Monsanto's Motion
3 for Summary Judgment or, in the Alternative, Summary Adjudication. Rather than come forward
4 with substantive responses to Monsanto's arguments explaining the deficiencies in their claims,
5 Plaintiffs principally offer bluster. But a careful review of Plaintiffs' substantive claims
6 demonstrates that they cannot survive.

7 With respect to preemption, Plaintiffs concede that FIFRA prohibits Monsanto from
8 independently making the label and design changes Plaintiffs seek without first obtaining EPA
9 approval. This concession confirms that their claims are preempted because Monsanto cannot
10 both provide the warnings Plaintiffs seek and comply with FIFRA. Likewise, Plaintiffs cannot
11 come forward with evidence upon which a jury could find that, at the relevant time period prior to
12 Plaintiffs' injuries, it was "generally accepted" that Roundup causes cancer. Nor have they come
13 forward with evidence from which a reasonable jury could find Monsanto acted "despicably"
14 given the uncontroverted regulatory consensus, held to this day, that glyphosate does not cause
15 cancer in humans.

16 **II. ARGUMENT**

17 **A. Plaintiffs' Warnings Claims Are Expressly Preempted.**

18 Plaintiffs argue that summary judgment is inappropriate because their warnings claims do
19 not impose requirements in addition to or different from FIFRA. But not a single one of the cases
20 cited by Plaintiffs addresses the express preemption argument Monsanto is making here. There
21 can be no doubt that California law imposes on manufacturers significantly broader labeling
22 requirements related to foreseeable use than FIFRA. These are not merely inconsistent, nominally
23 equivalent "parallel requirements" of the sort discussed in *Indian Brand Farms, Inc. v. Novartis*
24 *Crop Prot. Inc.*, 617 F.3d 207 (3d Cir. 2010) and *Bates v. Dow Agrosiences LLC*, 544 U.S. 431
25 (2005).¹ Rather, California law substantively expands label warnings requirements from FIFRA's

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27 ¹ Plaintiffs' discussion of *In re Protexall* is also misleading, as they do not understand the significance of that opinion,
28 which is to demonstrate that FIFRA's "widespread and commonly recognized practice" standard is different than
California law. See FIFRA Docket Nos. 625, et al., 2 E.A.D. 854 (E.P.A.), 1989 WL 550929, at *3 (July 26, 1989).

1 “widespread and common uses” to risks associated with *any* reasonably foreseeable use or misuse.
2 Accordingly, Plaintiffs’ warnings claims are expressly preempted by FIFRA.

3 **B. Plaintiffs Do Not Dispute That It Is Impossible for Monsanto to Both Comply**
4 **with FIFRA and Provide the Warnings Plaintiffs Seek.**

5 Plaintiffs do not contest that FIFRA, its regulations, and EPA guidance documents prohibit
6 Monsanto from independently making the design and label changes Plaintiffs seek without first
7 obtaining EPA’s approval. (Opp. at 15-17). Because Plaintiffs concede that Monsanto cannot
8 independently comply with both FIFRA and their tort claims, they do not contest the fundamental
9 basis of Monsanto’s impossibility preemption argument. Instead, they argue that (1) Congress did
10 not intend to impliedly preempt their tort claims; and (2) there is no clear evidence that EPA
11 would have rejected a change to the Roundup labeling. Neither argument is valid, and in any
12 event, neither argument would prevent impossibility preemption where, as here, Plaintiffs concede
13 Monsanto cannot make the label and design changes they seek without EPA’s prior approval.
14 Moreover, none of the FIFRA preemption cases Plaintiffs cited that supposedly reject Monsanto’s
15 preemption argument dealt with the impossibility preemption argument Monsanto presents here.

16 1. Congressional Intent Is Not Relevant to Impossibility Preemption.

17 Plaintiffs argue, first, that impossibility preemption is inapplicable because the express
18 preemption clause in FIFRA demonstrates that Congress did not intend to preempt Plaintiffs’
19 claims. Congressional intent, however, is not the touchstone for impossibility preemption.

20 Unlike express, field, and obstacle preemption that turn on the intent or objectives of
21 Congress, *Arizona v. United States*, 567 U.S. 387, 399 (2012), impossibility preemption “requires
22 no inquiry into congressional design.” *Florida Lime & Avocado Growers, Inc. v. Paul*, 373 U.S.
23 132, 142–43 (1963) (“A holding of federal exclusion of state law is inescapable and requires no
24 inquiry into congressional design where compliance with both federal and state regulations is a
25 physical impossibility for one engaged in interstate commerce.” (citations omitted)). Rather,
26 impossibility preemption flows from the Constitution’s Supremacy Clause and occurs anytime
27 “compliance with both state and federal law is impossible.” *Oneok, Inc. v. Learjet, Inc.*, 135 S. Ct.
28 1591, 1595 (2015) (citation omitted). Accordingly, the absence of statutory language evincing a

1 congressional intent to preempt state law has no bearing on impossibility preemption. *Mutual*
2 *Pharm. Co., Inc. v. Bartlett*, 570 U.S. 472, 480 (2013) (“Even in the absence of an express pre-
3 emption provision, the Court has found state law to be impliedly pre-empted where it is
4 ‘impossible for a private party to comply with both state and federal requirements.’”); *see also*
5 *Geier v. Am. Honda Motor Co.*, 529 U.S. 861, 869 (2000) (holding that savings clause did not “bar
6 the ordinary working of conflict pre-emption principles”).

7 2. *Mensing and Bartlett Apply When a Private Party Cannot Comply with*
8 *State Law Without First Obtaining The Approval of a Federal Regulatory*
9 *Agency.*

10 Plaintiffs next argue that Monsanto has failed to meet its burden of producing “clear
11 evidence” that the EPA would have rejected a change to the Roundup labeling. (Opp. at 16). This
12 argument relies on the assumption, which Plaintiffs have made without any legal justification, that
13 *Wyeth*’s “clear evidence” standard and not *Bartlett* and *Mensing*’s² “prior agency approval”
14 standard applies. This assumption is plainly wrong—the clear evidence standard does not apply.

15 *Wyeth*’s “clear evidence” standard arose in the context of FDCA’s “changes being
16 effected” (“CBE”) regulation, 21 C.F.R. § 314.70(c), which authorized the drug maker to
17 **unilaterally** add warnings to their drug label subject to FDA’s authority to rescind or modify the
18 label change. *Wyeth v. Levine*, 555 U.S. 555, 568 (2009). Under that type of regulation, the Court
19 required the defendant to show “clear evidence” that FDA would have rejected a proposed
20 warning submitted under that mechanism. *Id.* at 568–71. *Bartlett* and *Mensing*, however, apply
21 when the applicable regulation requires the manufacturer to seek regulatory approval **prior** to
22 making the label or design change. *See In re Celexa & Lexapro Mktg. & Sales Practices Litig.*,
23 779 F.3d 34, 41 (1st Cir. 2015) (“The line *Wyeth* and [*Mensing*] thus draw between changes that
24 can be independently made using the CBE regulation and changes that require prior FDA approval
25 also makes some pragmatic sense.”). As the First Circuit observed, *Wyeth*, *Mensing*, and *Bartlett*
26 read in concert means that “[i]f a private party . . . cannot comply with state law without first

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28 ² *Pliva, Inc. v. Mensing*, 564 U.S. 604 (2011).

1 obtaining the approval of a federal regulatory agency, then the application of that law to that
2 private party is preempted.” *Gustavsen v. Alcon Labs., Inc.*, 903 F.3d 1, 9 (1st Cir. 2018).

3 Plaintiffs, here, do not dispute that under FIFRA, its regulations, and EPA guidance
4 documents, Monsanto cannot amend its Roundup label to add a cancer warning to the
5 “Precautionary Statements” of the label or change the Roundup formulation without prior EPA
6 approval. Accordingly, *Wyeth’s* “clear evidence” standard for impossibility preemption does not
7 apply and *Mensing* and *Bartlett* should apply. Because prior approval was required for Monsanto
8 to change the label or change the formulation, all of Plaintiffs’ claims are preempted here as a
9 matter of law even in absence of evidence as to whether EPA would have rejected any proposed
10 changes.

11 3. Even Under *Wyeth’s* Clear Evidence Standard Plaintiffs Failed to
12 Controvert Evidence that EPA Has Consistently Rejected That Glyphosate
is Carcinogenic to Humans.

13 Monsanto submitted an overwhelming evidentiary record showing that EPA has repeatedly
14 determined that glyphosate is not carcinogenic, including on at least five occasions since IARC’s
15 classification. Just a few weeks ago, for the sixth time since IARC’s classification, EPA reiterated
16 that “it is confident” that “glyphosate is not likely to be carcinogenic” and that its conclusion is
17 consistent with Canadian, European Union, German, and Japanese regulators. (UMF 28). EPA
18 has also approved labels for glyphosate-based herbicides without cancer warnings both before
19 IARC’s classification, as well as after learning of IARC’s position concerning glyphosate as
20 shown by EPA approval letters issued in October 2016 for Roundup Custom[®] Herbicide and
21 February 2018 for Roundup QuikPRO[®]. (RJN Exs. 12-16) Plaintiffs do not dispute that EPA has
22 consistently rejected the proposition that glyphosate causes cancer in humans—the essential claim
23 in this litigation.

24 Plaintiffs instead contend that Monsanto’s failure to propose to EPA a cancer warning for
25 Roundup somehow precludes a finding of “clear evidence” that EPA would have rejected such a
26 proposed warning. But, as another California court recognized, “[*Wyeth v. Levine* does not
27 premise clear evidence on manufacturer submission of a proposed warning to” EPA. *Seufert v.*
28 *Merck Sharp & Dohme Corp.*, 187 F. Supp. 3d 1163, 1169 (S.D. Cal. 2016) (“The relevant inquiry

1 in each conflict preemption case since *Levine* is stated as whether the FDA would have rejected a
2 proposed labeling change, not whether the FDA did in fact issue an explicit rejection.”). A party
3 can also meet the “clear evidence” evidence standard by showing the regulatory agency disagrees
4 that a warning is scientifically supportable. *Id.* at 1170.

5 Courts have held that a regulatory agency’s repeated and consistent conclusion that a
6 particular product does not pose a particular risk constitutes “clear evidence” that the regulatory
7 agency would have rejected a proposed warning related to that risk. *See id.* at 1174 (“The FDA’s
8 repeated conclusion that scientific data did not support warning of pancreatic cancer risk coupled
9 with the FDA’s statement that product labeling was adequate amounts to clear evidence that the
10 FDA would have rejected a pancreatic cancer labeling change.”); *Dobbs v. Wyeth Pharm.*, 797 F.
11 Supp. 2d 1264, 1276–77 (W.D. Okla. 2011) (the FDA’s “repeated conclusions . . . that there was
12 no scientific evidence to support a causal connection between [selective serotonin reuptake
13 inhibitors] and suicidality in adult patients” constituted “clear evidence that the FDA would have
14 rejected” an expanded warning for suicide). EPA’s repeated conclusions that glyphosate is not
15 carcinogenic therefore constitute “clear evidence” that EPA would have rejected a warning related
16 to carcinogenicity. Because Plaintiffs have not disputed this clear evidence, summary judgment is
17 appropriate. *See id.* at 1268, 1280 (granting summary judgment where the plaintiff did not dispute
18 the FDA’s repeated conclusions).

19 C. **Plaintiffs Have Not Come Forward With Evidence that it was “Generally**
20 **Accepted” in the Scientific Community at the Time of Plaintiffs’ Relevant**
21 **Exposure that Roundup Causes Cancer.**

22 To prove their warnings claim, Plaintiffs must show that, at the time when the product that
23 allegedly caused their harm was distributed, it was “known or knowable in light of the scientific
24 knowledge that was *generally accepted* in the scientific community” that Roundup can cause
25 cancer. CACI 1205 (emphasis added). To satisfy California law, that risk must be generally
26 accepted—not merely a minority view. *Id.*, Directions for Use (“A risk may be ‘generally
27 recognized’ as a view (knowledge) advanced by one body of scientific thought and experiment,
28 but it may not be the ‘prevailing’ or ‘best’ scientific view; that is, it may be a minority view. The
committee believes that when a risk is (1) generally recognized (2) as prevailing in the relevant

1 scientific community, and (3) represents the best scholarship available, it is sufficient to say that
2 the risk is knowable in light of ‘the generally accepted’ scientific knowledge.”). Plaintiffs, who
3 were diagnosed with NHL in 2011 and early 2015, respectively, failed to produce any evidence
4 showing that it was “generally accepted in the scientific community” that Roundup caused cancer
5 as of the time of the exposure that allegedly caused their disease. (Opp. at 18). Nor have
6 Plaintiffs controverted Monsanto’s evidence showing the inverse—that it was “generally
7 accepted” by EPA and other worldwide regulatory agencies that Roundup did *not* cause cancer in
8 humans.

9 Plaintiffs direct the court to a couple rodent studies from the 1980s that EPA ultimately
10 concluded did not establish glyphosate was carcinogenic, Dr. Parry’s reports from late the 1990s
11 concerning potential genotoxicity of glyphosate,³ and a single epidemiology paper. (Opp. at 18).
12 This is nothing but a tiny fraction of the glyphosate science. (UMF 15, OPP Report at 10 (“An
13 extensive database exists for evaluating the carcinogenic potential of glyphosate, including 63
14 epidemiological studies, 14 animal carcinogenicity studies, and nearly 90 genotoxicity studies.”)).
15 Pointing to a few studies taken out of context cannot establish general acceptance. EPA and other
16 agencies have regularly reviewed the entire body of science related to glyphosate and concluded
17 again and again that glyphosate is not carcinogenic. (UMF 22). Summary judgment is
18 appropriate on Plaintiffs’ warnings claims because undisputed facts show that “at the time of
19 distribution” to Plaintiffs, Roundup’s supposed capacity to cause cancer was not “known or
20 knowable in light of the scientific knowledge that was *generally accepted* in the scientific
21 community.”

22 **D. Plaintiffs Have No Evidence That Roundup Caused Their Cancers.**

23 Plaintiffs’ Opposition makes clear that their causation case relies entirely on the faulty
24 opinions of their specific-causation experts. For the reasons discussed in Monsanto’s concurrently
25

26 ³ Genotoxicity studies have only marginal relevance because they cannot establish that a substance is carcinogenic.
27 Genotoxicity is type of mechanistic data that, at most, is supplemental to more substantial epidemiology or toxicology
28 evidence. *In re Roundup Prods. Liab. Litig.*, No. 16-md-02741-VC, 2018 WL 3368534, at *17 (N.D. Cal. July 10, 2018).

1 pending *Sargon* motions, those opinions are unreliable. Plaintiffs thus have no admissible
2 evidence to prove that Roundup caused their NHL, and for this reason alone, Monsanto is entitled
3 to summary judgment on all causes of action.

4 **E. Plaintiffs’ Punitive Damage Claims Fail Because They Did Not Produce**
5 **Evidence of “Despicable” Conduct By Monsanto.**

6 Plaintiffs vaguely claim they are entitled to punitive damages because Monsanto sold
7 Roundup while failing to warn consumers of a “known risk of NHL”; did not conduct certain
8 studies; marketed products with a POEA surfactant; withheld information from EPA; and
9 “ghostwrote” articles.⁴ (Opp. at 20). Because all reasonable factual inferences inure to the non-
10 movant at summary judgment, Monsanto will not dispute in detail these purported “facts” now.
11 But, as a threshold matter, Plaintiffs’ reliance on Monsanto’s conduct after the onset of their NHL
12 is improper because due process requires punitive damages to be derived “from the acts upon
13 which liability was premised.” *State Farm Mut. Auto. Ins. Co. v. Campbell*, 538 U.S. 408, 422–23
14 (2003). The remaining evidence, even when afforded all favorable inferences,⁵ is not sufficient
15 for a jury to find Monsanto acted “despicably,” especially when that evidence is weighed against a
16 worldwide regulatory consensus that glyphosate is not carcinogenic and epidemiology showing no
17 causal association. Moreover, none of the evidence involves persons who were directors, officers,
18 or managing agents of Monsanto.

19 1. **Monsanto Cannot Be Punished For Conduct That Could Not Have Caused**
20 **Plaintiffs’ NHL.**

21 A punitive damage award cannot be premised on “conduct that bore no relation to the
22 [Plaintiffs’] harm” without violating federal due process. *State Farm*, 538 U.S. at 422–23 (“A
23 defendant’s dissimilar acts, independent from the acts upon which liability was premised, may not
24 serve as the basis for punitive damages.”); *see also Willis v. Buffalo Pumps Inc.*, No. 12cv744
25 BTM (DHB), 2014 WL 1028437, at *5 (S.D. Cal. Mar. 17, 2014) (“Punitive damages are not

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27 ⁵ Notably, Plaintiffs’ punitive damages case is largely based on Dr. Parry’s review of genotoxicity papers and three
28 articles concerning genotoxicity. Genotoxicity studies, however, do not prove that something is a carcinogen. *See supra*, n. 7.

1 simply recoverable in the abstract. They must be tied to oppression, fraud or malice in the conduct
2 which gave rise to liability in the case.”). None of the of the evidence cited by Plaintiffs that
3 occurred after their respective diagnoses—*e.g.*, the Williams (2016) article, Monsanto’s response
4 to IARC’s classification, and the ATSDR review—could have been related to the cause of
5 Plaintiffs’ NHL and, therefore, is not competent to oppose summary judgment on punitive
6 damages.

7 2. Plaintiffs Failed to Produce Evidence Showing Monsanto’s Scientists
8 Directed Roundup Corporate Policy.

9 As further discussed in Monsanto’s Motion, to defeat summary adjudication on punitive
10 damages, Plaintiffs must produce evidence that the conduct at issue was performed by an “officer,
11 director, or managing agent of” Monsanto. Cal. Civ. Code § 3294(b). Plaintiffs’ opposition
12 entirely fails to address this argument. In any event, they have produced *no* evidence that the
13 individuals identified in their brief were “managing agents” that directed Monsanto’s corporate
14 policy on Roundup.

15 3. Monsanto Reasonably Relied on the Best Scientific Data Available and a
16 Worldwide Regulatory Consensus.

17 Plaintiffs claim that they are entitled to punitive damages because Monsanto continued to
18 market and sell Roundup while failing to warn consumers of a known risk. (Opp. at 20). But, as
19 discussed, the science does not support a “known risk” of NHL associated with Roundup. In
20 contrast to the handful of cherry-picked papers and emails Plaintiffs rely on to support punitive
21 damages, Monsanto relied on the best scientific data available and the undisputed global
22 regulatory consensus that glyphosate is not a human carcinogen.⁶ Relying on strong
23 epidemiological evidence and consistent regulatory approval of glyphosate is not “despicable”
24

25 _____
26 ⁶ Although Plaintiff purports to “dispute” this fact, they do so only on the basis of California’s Prop 65 classification
27 of glyphosate, which was a ministerial action that was not based on any independent evaluation of the science. *See*
28 Monsanto’s Evidentiary Objection No. 8. Indeed, in *Johnson*, Judge Bolanos ruled that any mention of California’s
classification of glyphosate under Prop 65 was inadmissible. There is thus no “genuine” dispute: the fact is that
regulators worldwide have concurred that glyphosate is not likely to be carcinogenic.

1 conduct; rather, it is reasonable corporate conduct that merits dismissal of Plaintiffs' punitive
2 damages claims.

3 4. Monsanto's Response to Dr. Parry's Genotoxicity Review Was Not
4 Improper, Let Alone Despicable.

5 Plaintiffs claim Monsanto acted despicably by not volunteering Dr. Parry's report about a
6 handful of published genotoxicity papers to EPA and by failing to conduct certain studies. (Opp.
7 20). Plaintiffs provide no evidence, however, that Monsanto's failure to share the Parry report
8 altered EPA's evaluation about glyphosate's carcinogenicity. Every piece of evidence cuts against
9 such an inference. Monsanto performed the tests recommended by Dr. Parry concerning
10 genotoxicity and published the results in a 2008 paper. (UMF 48). Moreover, EPA has
11 considered nearly 90 published genotoxicity studies for the active ingredient glyphosate, in
12 addition to numerous epidemiology and toxicology studies relating glyphosate, in reaching its
13 unequivocal conclusion that glyphosate is not carcinogenic. (UMF 15). EPA reiterated just one
14 month ago that it "is confident in its conclusion that glyphosate is not likely to be carcinogenic to
15 humans." (UMF 28).

16 5. Monsanto's Involvement with Williams (2000), Williams (2012), and Kier
17 & Kirkland (2013) Was Not Improper, Let Alone Despicable.

18 Plaintiffs suggest Monsanto acted "despicably" in supposedly "ghostwriting" three
19 genotoxicity papers: Williams (2000), Williams (2012), and Kier & Kirkland (2013). (Opp. at
20 20). But Plaintiffs do not claim there is anything false or misleading about the data or statements
21 contained in these articles. Nor is there any evidence that any of the data and statements in these
22 articles had any type of negative impact on Plaintiffs. And Monsanto cannot be punished for
23 participating in scientific debate about glyphosate. *See Board of Trs. of Leland Stanford Jr. Univ.*
24 *v. Sullivan*, 773 F. Supp. 472, 474 (D.D.C. 1991) ("It is . . . settled . . . that the First Amendment
25 protects scientific expression and debate . . ."); *Senart v. Mobay Chem. Corp.*, 597 F. Supp. 502,
26 505-06 (D. Minn. 1984) ("[P]laintiffs assail defendants for taking a particular view in a scientific
27 debate and for trying to retain a regulatory standard which defendants preferred. Not only do
28 these actions not constitute torts, they are protected by the first amendment.").

1 Furthermore, as detailed in Monsanto’s motion and supporting evidence, these review
2 articles transparently reflect Monsanto’s involvement, which means they were not nefariously
3 ghostwritten in any sense relevant to punitive damages. (Mot. at 19; UMFs 45-47). Even afforded
4 all inferences, no jury can find that Monsanto’s participation in these three review articles “is so
5 vile, base, [or] contemptible . . . that it would be looked down on and despised by ordinary decent
6 people.” *Mock v. Michigan Millers Mut. Ins. Co.*, 4 Cal. App. 4th 306, 331 (1992).

7 6. Monsanto’s Testing of Surfactants Was Not Improper, Let Alone
8 Despicable.

9 Plaintiffs’ insinuation that Monsanto did not perform chronic carcinogenicity testing on the
10 surfactants used in Roundup is wrong. (Opp. at 20). Monsanto performed chronic carcinogenicity
11 tests on the surfactants used in Roundup and submitted those tests to EPA for approval.
12 (Monsanto’s Reply to Plaintiff’s Separate Statement of Facts, No. 48). Monsanto simply did not
13 perform chronic carcinogenicity tests on the formulated Roundup product as a whole, nor did EPA
14 require that testing. Plaintiffs also fail to tie their allegations about POEA and a European
15 regulator’s inquiry into tallow amine to anything that is remotely related causally to Plaintiffs’
16 cancer. *State Farm*, 538 U.S. at 423 (“A defendant should [only] be punished for the conduct that
17 harmed the plaintiff . . .”). Plaintiffs produced no evidence they were even exposed to POEA, let
18 alone evidence that suggests any exposure increased their risk of NHL compared to other
19 glyphosate-based herbicides.

20 **III. CONCLUSION**

21 In sum, Monsanto is entitled to summary judgment because Plaintiffs’ claims are
22 preempted by federal law and because Plaintiffs cannot produce evidence to prove that their NHL
23 was caused by Roundup. At the very least, Monsanto is entitled to summary adjudication on
24 Plaintiffs’ warnings and punitive damages claims because, as explained herein and in Monsanto’s
25 motion, Plaintiffs have failed to meet their burden of producing evidence to support those claims.

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27 Dated February 26, 2019.
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