

Summary of Massachusetts Toxics Use Reduction Science Advisory Board Recommendations

| Chemical | Recommendation | Supplemental Information | Status or Outcome |
|-------------------------|--|---|--|
| Nickel in alloy form | delist except for aerosols (less than 50 um) | Unanimous vote to accept recommendation. Aerosols should be reported under TURA because planning for efficient use is beneficial. | Delisting petition request accepted by Admin Council per SAB recommendation. |
| Chromium in alloy form | delist except for aerosols (less than 50 um) | Unanimous vote to accept recommendation. Aerosols should be reported under TURA because planning for efficient use is beneficial. | Delisting petition request accepted by Admin Council per SAB recommendation. |
| Copper in alloy form | delist except for aerosols (less than 50 um) | Unanimous vote to accept recommendation. Aerosols should be reported under TURA because planning for efficient use is beneficial. | Delisting petition request accepted by Admin Council per SAB recommendation. |
| Manganese in alloy form | delist except for aerosols (less than 50 um) | Unanimous vote to accept recommendation. Aerosols should be reported under TURA because planning for efficient use is beneficial. | Delisting petition request accepted by Admin Council per SAB recommendation. |
| Cobalt in alloy form | delist except for aerosols (less than 50 um) | Unanimous vote to accept recommendation. Aerosols should be reported under TURA because planning for efficient use is beneficial. | Delisting petition request accepted by Admin Council per SAB recommendation. |
| Chromium (III) oxide | delist | Unanimous vote to accept recommendation. Chromium (III) oxide is not known to cause significant human health effects, is not known to cause significant adverse effects on the env., does not bioaccumulate and the oxidation of chromium (III) to chromium (VI) is not likely to occur. | Delisting petition request accepted by Admin Council per SAB recommendation. |
| Sodium hydroxide | not delist | Majority decision to accept recommendation. Decision based primarily on its potential for acute toxicity to workers. For specific applications, there may be uses of sodium hydroxide for which there is scientific justification to determine that sodium hydroxide is the least hazardous material and presents the least risk; this should be considered by the Administrative Council | Delisting petition request denied by Admin Council per SAB recommendation. |

| Chemical Name | Recommendation | Supplemental Information | Status or Outcome |
|------------------------|---|--|--|
| Hydroquinone | delist, except for manufacture | Unanimous vote to accept recommendation. Material has moderate to low toxicity. Recommendation to delist was made because material did not satisfy the criteria of "significant health effects" | Delisting petition request accepted by Admin Council per SAB recommendation. |
| Butyl benzyl phthalate | delist | Unanimous vote to accept recommendation. The Board recommended delisting in the absence of science to prove that butyl benzyl phthalate is estrogenic despite emerging science that suggests that this potential exists. | From a policy perspective, the Institute questioned whether the absence of knowledge is a sufficient basis to support a delisting at this time. The Admin Council denied the delisting petition. |
| Ethyl Acetate | not delist | Unanimous vote to accept recommendation. Recommendation based primarily on its potential for acute toxicity to workers. | Delisting petition request denied by Admin Council per SAB recommendation. |
| Acetic Acid | delist at conc. below 12% | Unanimous vote to accept recommendation. | Delisting petition request accepted by Admin Council per SAB recommendation. |
| Sodium Hypochlorite | not delist | Majority decision to accept recommendation. | Delisting petition request denied by Admin Council per SAB recommendation. |
| Acetone | no recommendation | Board vote was split. | Delisting request denied. Acetone will be reviewed again in one year and categorization of the list of chemicals will be evaluated. |
| Zinc oxide | delist | Unanimous vote to accept recommendation. | Delisting petition request accepted by Admin Council per SAB recommendation. |
| Sterling silver alloy | delist copper-silver alloys except for aerosols (less than 50 um) | Unanimous vote to accept recommendation. Aerosols should be reported under TURA because planning for efficient use is beneficial. | Delisting petition request accepted by Admin Council with qualifications as per SAB recommendation. |
| Zinc stearate | | Unanimous vote to accept recommendation. Zinc stearate is not known to cause significant human health effects; it is not known to cause significant adverse effects on the | Delisting petition request accepted by Admin Council per SAB recommendation. |

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| | | environment; and it does not present a safety hazard. The toxicity of zinc stearate fumes do not pose a significant threat in the manner in which it is used in the Commonwealth. | |
| Copper in alloy form | delist except for aerosols (less than 50 um) | Delisting originated in SAB to be consistent with previous decisions. Unanimous vote to accept recommendation. Aerosols should be reported under TURA because planning for efficient use is beneficial. | SAB recommendation accepted by Admin Council |
| Silver in alloy form | delist except for aerosols (less than 50 um) | Delisting originated in SAB to be consistent with previous decisions. Unanimous vote to accept recommendation. Aerosols should be reported under TURA because planning for efficient use is beneficial. | SAB recommendation accepted by Admin Council |
| Crystalline Silica | list particle sizes less than 10 um | Unanimous vote to accept recommendation | SAB recommendation accepted by Admin Council |
| n-Propyl Bromide | list | Unanimous vote to accept recommendation | SAB recommendation accepted by Admin Council |